



# भारत का राजपत्र The Gazette of India

साप्ताहिक/WEEKLY

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PUBLISHED BY AUTHORITY

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No. 22] NEW DELHI, SATURDAY, MAY 29—JUNE 4, 2004 (JYAISTHA 8, 1926)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।  
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

## भाग III—खण्ड 2

### [PART III—SECTION 2]

[पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस]  
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE  
PATENTS AND DESIGNS

Kolkata, the 29th May 2004

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OF THE PATENTS OFFICE

The Patent Office has its Head Office at Kolkata and Branch Offices at Mumbai, Delhi and Chennai having Territorial Jurisdiction on a Zonal basis as shown below :—

1. Patent Office Branch,  
Todi Estates, IIIrd Floor,  
Sun Mill Compound,  
Lower Parel (West),  
Mumbai-400 013.

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Maharashtra, Madhya Pradesh  
and Goa and the Union  
Territories of Daman and  
Diu & Dadra and Nagar Haveli.

Telegraphic Address "PATOFFICE"  
Phone Nos. (022) 2492 4058, 2496 1370, 2492  
3684, 2490 3852  
Fax Nos. (022) 2495 0622, 2490 3852  
E-mail: patmum@vsnl.net

2. Patent Office Branch,  
W-5, West Patel Nagar,  
New Delhi-110 008.

The States of Haryana,  
Himachal Pradesh,  
Jammu and Kashmir,  
Punjab, Rajasthan,  
Uttar Pradesh and Delhi and the  
Union Territory of Chandigarh.

Telegraphic Address "PATENTOFIC"  
Phone Nos. (011) 2587 1255, 2587 1256,  
2587 1257, 2587 1258.  
Fax No. (011) 2587 1256.  
E-mail: delhipatent@vsnl.net

3. Patent Office Branch,  
Guna Complex, 6th Floor, Annex-II,  
443, Annasalai, Teynampet,  
Chennai-600 018.

The States of Andhra Pradesh,  
Karnataka, Kerala, Tamil Nadu and  
Pondicherry and the Union  
Territories of Laccadive, Minicoy and  
Aminidivi Islands.

Telegraphic Address "PATENTOFFIC"

Phone Nos. (044) 2431 4324/4325/4326.

Fax Nos. (044) 2431 4750/4751.

E-mail. patentchennai @ vsnl. net

4. Patent Office (Head Office),  
Nizam Palace, 2nd M.S.O. Building,  
5th, 6th & 7th Floor,  
234/4, Acharya Jagadish Bose Road,  
Kolkata-700 020.

Rest of India

Telegraphic Address "PATENTS"

Phone Nos. (033) 2247 4401/4402/4403.

Fax Nos. (033) 2247 3851, 2240 1353.

E-mail. patentin @ vsnl. com

patindia @ glasc101.vsnl.net.in

Website : <http://www.Ipindia.nic.in>

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 and the Patents (Amendment) Act, 2002 or by the Patents Rules, 2003 will be received only at the appropriate offices of the Patent Office.

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पेटेंट कार्यालय

एकस्व तथा अभिकल्प

कोलकाता, दिनांक 29 मई 2004

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कोलकाता में अवस्थित है तथा मुम्बई, दिल्ली एवं चेन्नई में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं:--

1. पेटेंट कार्यालय शाखा,  
टोडी इस्टेट, तीसरा तल,  
सन मिल कम्पाउंड,  
लोअर परेल (वेस्ट),  
मुम्बई - 400 013 ।

गुजरात, महाराष्ट्र, मध्य प्रदेश तथा  
गोआ राज्य क्षेत्र एवं  
संघ शासित क्षेत्र, दमन तथा दीव एवं  
दादर और नगर हवेली ।

तार पता : "पेटेंटोफिस"

फोन : (022) 2492 4058, 2496 1370, 2492 3684, 2490 3852

फैक्स : (022) 2495 0622, 2490 3852

ई. मेल : [patmum@vsnl.net](mailto:patmum@vsnl.net)

2. पेटेंट कार्यालय शाखा,  
डब्ल्यू-5, वेस्ट पटेल नगर,  
नई दिल्ली - 110 008 ।

हरियाणा, हिमाचल प्रदेश, जम्मू  
तथा कश्मीर, पंजाब, राजस्थान,  
उत्तर प्रदेश तथा दिल्ली राज्य  
क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़ ।

तार पता : "पेटेंटोफिक"

फोन : (011) 2587 1255, 2587 1256, 2587 1257,  
2587 1258.

फैक्स : (011) 2587 1256.

ई. मेल : [delhipatent@vsnl.net](mailto:delhipatent@vsnl.net)

3. पेटेंट कार्यालय शाखा,

गुना कम्प्लेक्स, छत्र तल, एनेक्स-II,

443, अन्नासलाई, तेनामपेट,

चेन्नई - 600 018 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु

तथा पाण्डिचेरी राज्य क्षेत्र एवं संघ

शासित क्षेत्र लक्षद्वीप, मिनीकाय तथा एमिनिदिव द्वीप ।

तार पता - "पेटेंटोफिक"

फोन : (044) 2431 4324/4325/4326.

फैक्स : (044) 2431 4750/4751.

ई. मेल : [patentchennai@vsnl.net](mailto:patentchennai@vsnl.net)

4. पेटेंट कार्यालय (प्रधान कार्यालय),

निजाम पैलेस, द्वितीय बहुतलीय कार्यालय

भवन, 5वां, 6वां व 7वां तल,

234/4, आचार्य जगदीश बोस मार्ग,

कोलकाता - 700 020 ।

भारत का अवशेष क्षेत्र ।

तार पता - "पेटेंट्स"

फोन : (033) 2247 4401/4402/4403.

फैक्स : (033) 2247 3851, 2240 1353.

ई. मेल : [patentin@vsnl.com](mailto:patentin@vsnl.com)

[patindia@glasc101.vsnl.net.in](mailto:patindia@glasc101.vsnl.net.in)

वेब साइट : <http://Ipindia.nic.in>

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 2002 अथवा पेटेंट नियम, 2003 द्वारा अपेक्षित सभी आवेदन, सूचनाएं, विवरण या अन्य दस्तावेज या कोई फीस पेटेंट कार्यालय के केवल समुचित कार्यालय में ही ग्रहण किए जाएंगे ।

शुल्क : शुल्कों की अदायगी या तो नकद की जाएगी अथवा जहां उपयुक्त कार्यालय अवस्थित है, उस स्थान के अनुसूचित बैंक से नियंत्रक, पेटेंट को भुगतान योग्य बैंक ड्राफ्ट अथवा चैक द्वारा की जा सकती है ।

**CORRIGENDUM (DELHI)**

Notice is hereby given that the Patent No. 190522 (Application No. 1725/Del/94) dated 30.12.94 sealed on 18.03.2004 and the same is likely to be advertised in the official Gazette Part III—Section 2 dated 24.04.2004.

Please read as Patent No. 190552 instead of Patent No. 190522

Application for the patent filed at The Patent Office, Kolkata

From : 17/04/2004 To : 26/04/2004

New Application No	Applicant Details
183/KOL/2004	BISWAS ABHIJIT AND MANI KRISHNAN RAMA SUBRA, OF 8/2, SABARNA PARA ROAD, P.O.: BARISHA, KOLKATA-700008, WEST BENGAL.; West Bengal, India; "PROCESS FOR PRODUCTION OF ULTRA PURE CYCLOPENTANE."
184/KOL/2004	HIRANMAY SAHA; , India; "A PROCESS FOR PREPARING A THIN SILICON SOLAR CELL USING QUASI MONOCRYSTALLINE POROUS SILICON(QMPS) AS ACTIVE LAYER"
185/KOL/2004	CHUNG-YIN CHENG; , 28.4.03, Taiwan; "HEAT DISSIPATING FAN ASSEMBLY"
186/KOL/2004	TRUTZSCHLER GMBH & CO. KG.; , 26.4.03, Germany; "APPARATUS AT A CARDING MACHINE, WHEREIN AT LEAST ONE STATIONARY CARDING SEGMENT COMPRISING A CARRIER TOGETHER WITH AT LEAST TWO CARDING ELEMENTS IN ASSOCIATED WITH A ROLLER, FOR EXAMPLE A CYLINDER."
187/KOL/2004	TRUTZSCHLER GMBH & CO. KG.; , 26.04.03, Germany; "APPARATUS ON A CARDING MACHINE FOR TEXTILE FIBRES, FOR EXAMPLE, COTTON, SYNTHETIC FIBRES OR THE LIKE, COMPRISING REVOLVING CARD FLAT BARS EQUIPPED WITH CLOTHING"
188/KOL/2004	ARVIN TECHNOLOGIES, INC.; , 25.4.03, United States of America; "FILTER APPARATUS AND ASSOCIATED METHOD"
189/KOL/2004	SIEMENS AKTIENGESSELLSCHAFT; , 25.04.03, Germany; "FUEL TANK"
190/KOL/2004	MORSE TEC EUROPE, S.R.L.; , 22.04.03, 24.2.04, United States of America; "CHECK VALVE FOR HYDRAULIC CHAIN TENSIONER"
191/KOL/2004	BORGWARNER INC.; , 25.4.03, United States of America; "TWO-SHOT UNIFIED CHAIN TENSIONER ARM OR GUIDE"
192/KOL/2004	KAI CHIH INDUSTRIAL CO. LTD.; , "EYE TREATMENT DEVICE"
193/KOL/2004	CHENG-MING LEE; , "INTEGRALLY FORMED GEAR SET WITH A PLURALITY OF GEARS"
194/KOL/2004	INDIAN INSTITUTE OF TECHNOLOGY; , India; "A NOVEL ANTI-POLYHEDRIN, MONOCLONAL ANTIBODY"
195/KOL/2004	BRITANNIA INDUSTRIES LIMITED; , India; "A PROCESS FOR THE MANUFACTURE OF A COMPOSITE BISCUIT WITH MULTIPLE LAYERS."
196/KOL/2004	DR. NIRJHAR BHATTACHARYA & DR. TULIKA BHATTACHARYA; West Bengal, India; "SYSTEM FOR HYDRO-DISSECTION FOR SURGERY"
197/KOL/2004	DIDDI GABRIELE; , 30/04/2003, Italy; "COMPOSITE SYNTHETIC FIBRE MATERIAL FOR FOOTWEAR INSOLES AND PRODUCTION PROCESS THEREFOR "

198/KOL/2004	CARL STRUTZ & CO. INC.; ; "WORKPIECE STEADY FOR A DECORATING MACHINE"
199/KOL/2004	VERGARA LOPEZ GERMAN.; ; "A RETENTION AND DRAINAGE SYSTEM RECOMMENDED FOR THE MANUFACTURING OF PAPER, PAPERBOARD, CARDBOARD AND OTHER SIMILAR PRODUCTS."
200/KOL/2004	ELICOPOWER CO. LTD.; , 25/04/2001, 02/11/2001, 11/12/2001, Republic of Korea; "A CHARGING AND DISCHARGING JIG FOR LITHIUM POLYMER BATTERIES."
201/KOL/2004	JOHNSON & JOHNSON CONSUMER COMPANIES INC.; , 30/04/2003, China; "DISPENSER BOTTLE."
202/KOL/2004	JOHNSON & JOHNSON CONSUMER COMPANIES INC.; , 30/04/2003, China; "DISPENSER WITH ADJUSTABLE LATERAL POWDER FLOW."
203/KOL/2004	PIBIVIESSE S.P.A.; , 30/04/2003, Italy; "A REGULATION VALVE."
204/KOL/2004	DEGUSSA AG. AND EVERMORE TRADING CORPORATION.; 02/05/2003, Germany; "ORGANOSILANE MASTERBATCH."
205/KOL/2004	BUESCHER ALFRED J.; , 07/05/2003, United States of America; "MEANS FOR OPTIMIZING UNIT INJECTORS FOR IMPROVED EMISSIONS/FUEL-ECONOMY."
206/KOL/2004	LG ELECTRONICS INC.; , 13/08/2003, 13/08/2003, Republic of Korea; "COMPRESSOR."
207/KOL/2004	THE BABCOCK AND WILCOX COMPANY.; , 29/05/2003, United States of America; "IMPACT TYPE PARTICLE SEPARATOR MADE OF MUTUALLY INVERTED U-SHAPED ELEMENTS."
208/KOL/2004	SANYO ELECTRIC CO. LTD. AND SANYO ELECTRIC AIR CONDITIONING CO. LTD.; , 08/05/2003, Japan; "ABSORPTION REFRIGERATOR."



**APPLICATION FOR THE PATENT OFFICE AT PATENT OFFICE,  
DELHI BRANCH, W-5 WEST PATEL NAGAR, NEW DELHI -110 008.**

**01/04/2004**

New Application No	Applicant Details
658/DEL/2004	Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, USA. "Distributing membership information for multi-party application layer sessions" (Con. 22/04/2003, United States of America)
659/DEL/2004	Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, USA. "Automatic resolution of segmentation ambiguities in grammar authoring" (Con. 03/04/2003, United States of America)
660/DEL/2004	Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, USA. "Instant messaging embedded games" (Con. 09/05/2003, United States of America)
661/DEL/2004	Lohia Starlinger Limited, D3/A, Panki Industrial Estate, Kanpur-208022, India. "A shed opening device."
662/DEL/2004	Plansee Aktiengesellschaft, A-6600 Reutte/Tirol, Austria. "Highly heat-resistant laminated component for a fusion reactor." (Con. 2/4/2003, Austria)
663/DEL/2004	General Electric Company, One River Road, Schenectady, New York 12345, USA. "Mixed tuned hybrid bucket and related method." (Con. 16/4/2003, United States of America)

**02/04/2004**

664/DEL/2004	Bharat Heavy Electrical Ltd., BHEL House, Siri Fort, N. Delhi. "An improved controlled shunt reactor."
665/DEL/2004	Bharat Heavy Electrical Ltd., BHEL House, Siri Fort, N. Delhi. "Compact feeding device for online metering of bulk solids with a constrained layout."
666/DEL/2004	Voestalpine Schienen GmbH, Jof Kerpelystrasse 199, A-8700 Leoben, Austria. "Equipment to lay rails to form a track." (Con. 11/4/2003, Austria)
667/DEL/2004	Honda Motor Co., LTD., of 1-1, Minamiaoyama 2-chome, Minato-ku, Tokyo, Japan. "Combination Lamp." (Con. 24/4/2003, Japan)
668/DEL/2004	Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, USA. "Method and apparatus for discovering network devices." (Con. 29/4/2003, United States of America)
669/DEL/2004	National Institute of Pharmaceutical Education and Research (NIPER), Sector 67, Phase X, SAS Nagar, Mohali, District Ropar, Punjab-160062, India. "Naphthoquinones as antidiabetic agents."
670/DEL/2004	The Talwar Research Foundation, E-8, Neb Valley, Neb Sarai, N. Delhi. "A chimeric monoclonal antibody for binding selectively to hCG."
671/DEL/2004	Harbhajan Singh Sandhu, Sandhu Mann Engineering Works, E/3, Industrial Area, Sonapat, Haryana. "Improved harrow disk."

## 05/04/2004

672/DEL/2004	Vipin Gupta, of 12/183, New Campus, C.C.S.H.A.U. Hissar-125004.. "Elecromagnetic Horn with Receiver."
673/DEL/2004	Jubilant Organosys Limited, Plot 1A, Sector 16 A, Noida-201301, U.P.India.. "Process for producing cyanopyrazine."
674/DEL/2004	Hong Leong Industries Berhad, Level 9, Wisma Hong Leong, 18, Jalan Perak, 50450, Kuala Lumpur, Malaysia.. "Thermal Insulation liner." (Con. 7/4/2003, Malaysia)
675/DEL/2004	Microsofot Corporation, One Microsofot way, Redmond, Washington 98052, USA. "Method and system for selectively enforcing presentation themes." (Con. 13/5/2003, United States of America)

## 06/04/2004

676/DEL/2004	GE Medical Systems Global Technology Company LLC, 3000 North Grandview Boulevard, Waukesha, Wisconsin 53188-1696, USA. "Radiation computed tomography apparatus." (Con. 21/4/2003, Japan)
677/DEL/2004	Nuclear Science Center, UGC, Aruna Asaf Ali Marg, N.Delhi.. "Clover detector electronic module."
678/DEL/2004	Inder Mohan Sachdev, Hansa Paints & Chemicals, A-50/2-3, Okhla Ind. Area Phase-II, N.Delhi.. "A process of preparing a base coat compound."
679/DEL/2004	GE Medical Systems Global Technology Company LLC, 3000 North Grandview Boulevard, Waukesha, Wisconsin 53188-1696, USA. "Radiation computed tomography apparatus and tomographic image producing method." (Con. 21/4/2003, Japan)

## 07/04/2004

680/DEL/2004	Microsoft Corpotion, One Microsoft Way, Redmond, Washington 98052, USA. "Enhanced telephony computer user interface allowing user interaction and control of a telephone using a personal computer" (Con. 20/05/2003, United States of America)
681/DEL/2004	Pfizer Products, Inc., Eastern Point Road, Groton, Connecticut 06340, USA. "Process for the preparation of non-steroidal glucocorticoid receptor modulators" (Con. 27/10/2000, United States of America)
682/DEL/2004	Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, USA. "Process and system for identifying a position in a video using content-based video timelines" (Con. 28/05/2003, United States of America)
683/DEL/2004	Isochem, 12 Quai Henri IV, 75004 Paris, France. "Process for preparing hexahydropyridazine-3-carboxylic acid derivatives" (Con. 16/04/2003, France)
684/DEL/2004	Vangala Patabhi, S-17v First Floor, Panchasheel Park, New Delhi, India. "Vanity counters and to a process for the manufacture thereof"

SI No	National Phase Application No & date	Corresponding PCT Application No & Date	Priority Document No. & Date	Country	Applicant Details	Title of Invention	IPC Class es
8	00773/DELNP/2003 Dt : 21/05/2003	PCT/FR01/03496 Dt : 09/11/2001	00/14595 dt. 14/11/2000 France.	France	Ceca S.A., France.	Mesoporous inorganic solids, method for preparing same and uses thereof in particular as catalysts and adsorbents.	C01B37/02
9	00774/DELNP/2003 Dt : 21/05/2003	PCT/US01/50462 Dt : 20/12/2001	60/25791 1 dt. 21/12/2000 USA	United States of America	The Procter & Gamble Company, USA.	Biodegradable polyhydroxyalkanoate copolymers having improved crystallization properties.	C08G63/00
10	00775/DELNP/2003 Dt : 21/05/2003	PCT/US01/50461 Dt : 20/12/2001	60/25791 2 dt. 21/12/2000 USA.	United States of America	The Procter & Gamble Company, USA.	Method for making biodegradable polyhydroxyalkanoate copolymers having improved crystallization properties.	C08G63/00
11	00776/DELNP/2003 Dt : 21/05/2003	PCT/EP01/12968 Dt : 09/11/2001	100 58 119.6 dt. 22/11/2000 Germany	Germany	Bayer Aktiengesellschaft, Germany.	Repinotan Kit.	A61K31/00
12	00777/DELNP/2003 Dt : 21/05/2003	PCT/US01/43033 Dt : 01/11/2001	09/704,9 41 dt. 2/11/2000 USA	United States of America	Intel Corporation, USA.	Latency Management for a network.	H04L12/56
13	00778/DELNP/2003 Dt : 21/05/2003	PCT/EP01/13671 Dt : 23/11/2001	0012566 8.4 dt. 23/11/2000 EPO	Belgium	Galva Power Group N.V., Belgium.	Flux and process for hot dip galvanization.	C23C2/30

1	00779/D	pct/us01	09/705,668	dt. 2/11/2000	USA	Unite Intel	Breaking-reply	G06
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8	ELNP/2	2/00600	Europe			zilan Manufacture	level indicator	B
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1	00784/D	PCT/AU	PR 1688, PR 4769, PR 6140 &			Austr Hodgson,	Coupling of	C08J
9	ELNP/2	01/0148	PR6305	dt.		alia Peter	reinforcing	5/06
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0	ELNP/2	01/0156	dt. 5/12/2000, 2/4/2001 &			alia Holdings Pty	apparatus for	F
	003	5	27/8/2001 Australia.			Limited,	displaying	15/0

				Australia	visual images.	0
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	21/05/2	04/12/2				
	003	001				
2	00786/D	PCT/US	US SN 60/347,063 & US SN	Unite BP	Para-xylene	C07
1	ELNP/2	02/3976	10/316,619 dt. 9/1/2002 &	d Corporation	and	C
	003	5	11/12/2002 USA.	State North	ethylbenzene	7/13
				s of America Inc.,	separation	
				Ame US.	from C8	
				rica	aromatics.	
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	21/05/2	13/12/2				
	003	002				
2	00787/D	PCT/EP	60/253,903 dt. 29/11/2000 USA	Unite H.B.Fuller	Food	B23
2	ELNP/2	01/1287		d Licensing &	Packaging	B
	003	9		State Financing	laminates.	27/3
				s of Inc., USA.		2
				Ame		
				rica		
	Dt :	Dt :				
	21/05/2	07/11/2				
	003	001				
2	00788/D	PCT/GB	09/725,711 dt. 30/11/2000 US	Unite Foseco	Submerged	B22
3	ELNP/2	01/0482		d International	entry nozzle	D
	003	8		King Limited, UK.	and utilisation	41/5
				dom	thereof.	0
	Dt :	Dt :				
	21/05/2	31/10/2				
	003	001				
2	00789/D	PCT/GB	0028598.1 dt. 23/11/2000 GB	Unite Ricardo	Hybrid power	B60
4	ELNP/2	01/0515		d Consulting	sources	K
	003	5		King Engineers	distribution	41/0
				dom Limited, UK.	management.	0
	Dt :	Dt :				
	21/05/2	21/11/2				
	003	001				
2	00790/D	PCT/US	PCT/US00/30137 DT	Chin Lu,China-	Processes of	E01
5	ELNP/2	900/301	14/11/2000	a Lung, China.	finishing slits	C
	003	37			of surface	11/0
					layer of	2
					airplane	
					runway.	
	Dt :	Dt :				
	21/05/2	14/11/2				
	003	000				
2	00791/D	PCT/JP	2000-350836 & 2001-309752	Japa National	Method for	C07
6	ELNP/2	01/0949	dt. 17/11/2000 & 5/10/2001	n Institute of	Introducing	C
	003	9	Japan.	Advanced	amino group	229/
				Industrial	and method	24
				Science and	for	
				Technology,	synthesizing	
				Japan.	amino acid	
					compound.	
	Dt :	Dt :				
	22/05/2	30/10/2				
	003	001				
2	00792/D	PCT/US	60/258,991 dt. 29/12/2000 USA	Unite International	Lossy Index	G06
7	ELNP/2	01/4926		d Business	Compression.	F
	003	0		State Machine		17/3
				s of Corporation,		0

	Dt :	Dt :		Ame	USA.		
	22/05/2	19/12/2		rica			
	003	001					
2	00793/D	PCT/GB	09/731,997 dt. 7/12/2000	USA	Unite International	Enhanced	H01L
8	ELNP/2	01/0519			d Business	interface	35/3
	003	3			State Machine	thermoelectric	0
					s of Corporation,	coolers.	
					Ame USA.		
					rica		
	Dt :	Dt :					
	22/05/2	23/11/2					
	003	001					
2	00794/D	PCT/US	09/714,751 dt. 16/11/2000	USA	Unite Colgate-	Method of	B65
9	ELNP/2	01/4365			d Palmolive	Making dual	B
	003	0			State Company,	chamber	61/1
					s of USA.	sachet.	8
					Ame		
					rica		
	Dt :	Dt :					
	22/05/2	14/11/2					
	003	001					
3	00795/D	PCT/MX	09/730,155 dt. 5/12/2000	USA	Vitro	Fluid	F15B
0	ELNP/2	01/0008			Corporativo,	Administration	15/2
	003	7			S.A. DE	system for the	0
					C.V.,	Operation of a	
					Mexico.	Cylinder-	
						Piston	
						assembly.	
	Dt :	Dt :					
	22/05/2	05/12/2					
	003	001					
3	00796/D	PCT/US	09/728,977 dt. 4/12/2000	USA	Unite International	Wearable	H04L
1	ELNP/2	01/4514			d Business	Data Device	
	003	3			State Machine	for use in	
					s of Corporation,	Wearable	
					Ame USA.	Data Network.	
					rica		
	Dt :	Dt :					
	22/05/2	29/11/2					
	003	001					
3	00797/D	PCT/US	09/723,022 dt. 27/11/2000	USA	Unite John F.	Bladeless	F04B
2	ELNP/2	01/4408			d Palumbo,	Turbocharger	17/0
	003	7			State USA.		0
					s of		
					Ame		
					rica		
	Dt :	Dt :					
	22/05/2	27/11/2					
	003	001					
3	00798/D	PCT/EP	100 61 078.1 dt. 8/12/2000		Ger Bayer	Flame-	C08
3	ELNP/2	01/1371	Germany.		man Aktiengesell	resistant and	K
	003	2			y schaft,	heat-resistant	5/52
					Germany.	polycarbonate	3
						compositions.	
	Dt :	Dt :					
	22/05/2	26/11/2					
	003	001					
3	00799/D	PCT/EP	100 63 108.8 dt. 18/12/2000		Ger Bayer	Process for	
4	ELNP/2	01/1423	Germany.		man Aktiengesell	the	
	003	9			y schaft,	Preparation of	
					Germany.	sulphonamide-	
						substituted	
	Dt :	Dt :					

	22/05/2003	05/12/2001							imidazotriazinones.		
3 5	00800/D ELNP/2 003	PCT/US 01/4488 1	09/716,568 dt. 20/11/2000	USA	United States of America	Honeywell International Inc., USA.	Brazing foil preforms and their use in the manufacture of heat exchangers.	B23 K 35/02			
	Dt : 22/05/2003	Dt : 20/11/2001									
3 6	00801/D ELNP/2 003	PCT/EP 01/1393 9	MI 2000A 002601 dt. 1/12/2000	Italy	Italy	Bracco Imaging S.P.A., Italy	A process for the preparation of iopamidol and the new intermediates therein.	C07 C 237/46			
	Dt : 22/05/2003	Dt : 29/11/2001									
3 7	00802/D ELNP/2 003	PCT/US 01/4528 0	09/728,316,09/728,607 & 09/728,616 dt. 1/12/2000	USA	United States of America	OSI Pharmaceuticals Inc., USA.	Compounds specific to adenosine A1,A2a, AND A3 receptors and uses thereof.	C07 D 487/04			
	Dt : 22/05/2003	Dt : 30/11/2001									
3 8	00803/D ELNP/2 003	PCT/US 01/4440 6	60/253,773 dt. 29/11/2000	USA	United States of America	Milliken & Company, 920, Milliken Road, Spartanburg, SC 29303, USA.	Polymeric Bis-Acetoacetanilide AZO Colorants.	C09 B			
	Dt : 23/05/2003	Dt : 01/01/1900									
3 9	00804/D ELNP/2 003	PCT/US 01/4574 3	09/729,053 dt. 4/12/2000	USA	United States of America	Milliken & Company, 920, Milliken Road, Spartanburg, SC 29303, USA.	Anti-Tack Spandex Yarns Containing Antimicrobial agents therein and fabrics made therefrom.	B32 B 15/00			
	Dt : 23/05/2003	Dt : 01/11/2001									
4 0	00805/D ELNP/2 003	PCT/US 01/4419 1	60/253,883 dt. 29/11/2000	USA	United States of America	Milliken & Company, 920, Milliken Road, Spartanburg, SC 29303, USA.	Polymeric acetoacetanilide azo colorants.	C07 C 249/00			
	Dt : 23/05/2003	Dt : 26/11/2001									
4 1	00806/D ELNP/2 003	PCT/JP 02/1038 5	2001-310379, 2002-77613, 2002-215387, 2002-216949, 2002-222759, 2002-242967 & 2002-277578 dt. 5/10/2001, 20/3/2002, 24/7/2002, 25/7/2002, 31/7/2002,		Japan	Nippon Steel Corporation, 6-3, Otemachi 2-chome, Chiyoda-ku,	Core having superior end face insulation and method of treating core end faces to	C23 C 18/02			
	Dt : 25/7/2002	Dt : 31/7/2002									

23/05/2003	04/10/2002	23/8/2002 & 24/9/2002 Japan.	Tokyo 100-8071, Japan & Nittetsu Plant Designing Corporation, 46-59, Oaza-Nakabaru, Tobata-ku, Kitakyushu-shi Fukuoka 804-0002, Japan.	give insulation coating.		
4	00807/D	PCT/US 60/245,477 dt. 03/11/20200 US.	United States of America	Avery Dennison Corporation, 150 North Orange Grove Boulevard, Pasanena, CA 91103 USA.	Fastener clip and fastener dispensing tool.	B65 C 7/00
2	ELNP/2 003	01/4680 9				
	Dt :	Dt :				
	23/05/2003	05/11/2001				
4	00808/D	PCT/US PCT/US00/30160	United States of America	UOP LLC, 25 East Algonquin Road Des Plaines, Illinois 60017-5017, USA.	Layered catalyst composition and processes for preparing and using the composition.	B01J 23/40
3	ELNP/2 003	00/3016 0				
	Dt :	Dt :				
	26/05/2003	27/11/2000				
4	00809/D	PCT/EP 00126051.2 dt. 29/11/2000	Austria	Borealis Gmbh, Danubiastra sse 21-25, A-2323 Schwechat-Mannswuert h, Austria,.	Polyolefin compositions with improved properties,.	C08L 53/00
4	ELNP/2 003	01/1371 EPO. 7				
	Dt :	Dt :				
	26/05/2003	26/11/2001				
4	00810/D	PCT/US 09/727,475 dt. 04/12/2000 US.	United States of America	Praxair Technology, Inc., 39 old Ridgebury Road, Danbury, Connecticut 06810-5113, USA.	System and process for gas recovery.	B01 D 53/00
5	ELNP/2 003	01/4305 1				
	Dt :	Dt :				
	26/05/2003	09/11/2001				
4	00811/D	PCT/FR 00/15477 dt. 30/11/2000	France	Sanofi-Synthelabo, 174, Avenue de France, F-75013 Paris,	Cyclohexyl(Alkyl)-Propanolamines, preparation method and	C07 C 311/08
6	ELNP/2 003	01/0378 France, 4				
	Dt :	Dt :				



	26/05/2 003	30/11/2 001		France.	pharmaceutica l compositions containing same.	
4 7	00812/D ELNP/2 003	PCT/FR 01/0389 9	00/16070 dt. 11/12/2000 FR.	France	Sanofi- Synthelabo, 174, Avenue de France, F-75013 Paris, France.	Methanesulph onamidobenzo furan, preparation method and use thereof as synthesis intermediate.
	Dt : 26/05/2 003	Dt : 10/12/2 001				C07 D 307/ 79
4 8	00813/D ELNP/2 003	PCT/JP 01/1024 1	2000-359137, 2000- 362783, 2000-362784, 2000- 362785, 2000-364633, 2000- 366861 and 2001-307289 dt. 27/11/2000, 29/11/2000, 29/11/2 000, 29/11/2000, 30/11/2000, 01/ 12/2000 and 03/10/2001 JP.	Japan	Teijin Limited, 6-7, Minamihom machi 1- chome, Chuo-ku, Osaka-shi, Osaka 541- 0054, Japan.	Dimethyl terephthalate composition and method for producing same.
	Dt : 26/05/2 003	Dt : 22/11/2 001				C07 C 69/8 2
4 9	00814/D ELNP/2 003	PCT/FR 01/0380 1	00/15613 dt. 30/11/2000 FR.	France	Valois S.A.S., Boite Postale G, Le Prieure, F-27110 Le Neubourg, France.	A fluid dispenser desvice.
	Dt : 26/05/2 003	Dt : 30/11/2 001				B65 D 83/0 0
5 0	00815/D ELNP/2 003	PCT/NL 01/0084 7	1016687 dt 23/11/2000 NL.	Netherland	Heineken Technical Services B.V., of 2e Weteringpla ntsoen 21, 1017 ZD Amsterdam, Netherlands.	Tapping Rod.
	Dt : 26/05/2 003	Dt : 21/11/2 001				B67 D 1/08
5 1	00816/D ELNP/2 003	PCT/FR 01/0390 0	00/16069 dt. 11/12/2000 FR.	France	Sanofi- Synthelabo, 174, Avenue de France, F-75013 Paris, France.	2-Butyl-3-(4- [3(Dibutylamin o)Propoxyhy] Benzoyl)-5- Nitro- Benzofuran hydrochloride and preparation thereof.
	Dt : 26/05/2 003	Dt : 10/12/2 001				C07 C 15/1 07
5 2	00817/D ELNP/2 003	PCT/JP 02/0943 2	2001-333830 dt. 31/10/2001 JP.	Japan	Honda Giken Kogyo Kabushiki Kaisa, 1-1, Minamiaoya ma 2-chome,	Internal combustion engine for motorcycle.
	Dt : 27/05/2	Dt : 13/09/2				F02F 1/06

003	002				Minato-ku, tokyo 107- 8556, Japan.		
5	00818/D	PCT/JP	2001-311525 dt. 9/10/2001 JP.	Japa	Sony	Video-	H04
3	ELNP/2	02/0949		n	Corporation,	information-	N
003	003	3			7-35	recording	5/91
	Dt :	Dt :			Kitashinaga	apparatus and	
	27/05/2	17/09/2			wa 6-chome,	video-	
003	002				Shinagawa-	information	
					ku, Tokyo	reproduction	
					141-0001,	apparatus.	
					Japan.		
5	00819/D	PCT/US	09/734,439 dt. 11/12/2000 USA.	Unite	Bausch &	Dry polishing	
4	ELNP/2	01/4460		d	Lomb	of intraocular	
003	003	6		State	Incorporated	lenses.	
	Dt :	Dt :		s of	, One		
	27/05/2	28/11/2		Ame	Bausch &		
003	001			rica	Lomb Place,		
					Rochester,		
					New York		
					14604-2701,		
					USA.		
5	00820/D	PCT/US	09/734,401 dt. 11/12/2000 US.	Unite	Bausch &	Iris fixated	A61F
5	ELNP/2	014486		d	Lomb	intraocular	2/16
003	003	7		State	Incorporated	lenses.	
	Dt :	Dt :		s of	, One		
	27/05/2	28/11/2		Ame	Bausch &		
003	001			rica	Lomb Place,		
					Rochester,		
					New York		
					14604-2701,		
					USA.		
5	00821/D	PCT/IB0	PR 1704 dt. 28/11/2000 AU.	Unite	Shep	Emergency	F15B
6	ELNP/2	1/02784		d	Limited, 24	energy	1/02
003				King	Finch Road,	release for	
	Dt :	Dt :		dom	Douglas, Isle	hydraulic	
	27/05/2	001			of man IM1	energy	
003					2PS, Unkited	storage	
					Kingdom.	system.	
5	00822/D	PCT/EP	100 63 435.4 dt. 20/12/2000	Ger	Boehringer	Quinazoline	C07
7	ELNP/2	01/1456	DE.	man	Ingelheim	derivatives,	D
003	003	9		y	Pharma	medicaments	239/
	Dt :	Dt :			GmbH & Co.	containing	94
	27/05/2	12/12/2			Kg., Binger	said	
003	001				Strasse 173,	compounds,	
					D-55216	their utilization	
					Ingelheim	and method	
					am Rhein,	for the	
					Germany.	production	
						thereof.	
5	00823/D	PCT/JP	2001-333829 dt. 31/10/2001	Japa	Honda Giken	Timing chain	F16
8	ELNP/2	02/0942	JP.	n	Kogyo	tensioning	H
003	003	2			Kabushiki	device.	7/08

	Dt : 27/05/2 003	Dt : 13/09/2 002		Kaisa, 1-1, Minamiaoya ma 2-chome, Minato-ku, tokyo 107- 8556, Japan.				
5 9	00824/D ELNP/2 003	PCT/US 01/4881 4	09/746,451 dt. 21/12/2000 US.	United States of America	Bausch & Lomb Incorporated , One Bausch & Lomb Place, Rochester, New York 14604-2701, USA.	Intraocular lens and additive packaging system.	A61F 9/00 7	
	Dt : 27/05/2 003	Dt : 17/12/2 001						
6 0	00825/D ELNP/2 003	PCT/US 01/4463 6	60/250,072, 60/267,897, 60/281872, 60/312,144 and 60/326,529 dt. 30/11/2000, 9/2/2001, 5/4/2001, 13/8/2001 and 1/10/2001 US.	Israel	Teva Pharmaceuti calo Industries Ltd. 5 Basel Stdreet, P.O. Box 3190, Petah Tiqva 49131, Israel.	Novel crystal forms of atorvastatin hemi-calcium and processes for their preparation as well as novel processes for preparing other forms.	A61K 31/4 0	
	Dt : 27/05/2 003	Dt : 29/11/2 001						
6 1	00826/D ELNP/2 003	PCT/IBO 1/02785	PR 1704 and PR 4493dt. 28/11/2000 and 20/4/2001AU.	United Kingdom	Shep Limited, 24 Finch Road, Douglas, Isle of man IM1 2PS, Unkited Kingdom.	Hydraulic energy storage systems.	B60 K 6/12	
	Dt : 27/05/2 003	Dt : 28/11/2 001						
6 2	00827/D ELNP/2 003	PCT/US 01/5118 5	09/729,525 dt. 4/12/2000 US.	United States of America	General Electric Company, One River Road, ?Schenectad y, New York, 12345, USA.	Abrasive diamond composite and method of making thereof.	C22C 26/0 0	
	Dt : 27/05/2 003	Dt : 13/11/2 001						
6 3	00828/D ELNP/2 003	PCT/GB 01/0542 5	00310924.6, 01303760.1 & 01178/03.7 dt. 8/12/2000, 25/4/2001 & 20/7/2001 EPO & GB.	United States of America	Exxonmobil Chemical Patents, Inc., 5200, Bayway Drive, P.O. Box 2149, Baytown, Texas, USA.	Crystalline Molecular sieves.	c01b 39/4 8	
	Dt : 28/05/2 003	Dt : 07/12/2 001						
6 4	00829/D ELNP/2	PCT/EP 01/1405	10061 623.2 dt. 11/12/2000 Germany.	German	Bayer Aktiengesell	Process for preparing N-	c07c 239/	

003	1				y	schaft, D-51368, Leverkusen, Germany.	Substituted Hydroxylamines and salts thereof.	10
	Dt : 28/05/2003	Dt : 28/11/2001						
6	00830/D	PCT/US	60/253,436 dt. 28/11/2000	USA	Canada	Nortel Networks Limited, 2351, Boulevard Alfred-Nobel, St. Laurent, Quebec H4S 2A9, Canada.	Method and apparatus for a hybrid mobile terminal.	H04 Q 7/38
5	ELNP/2	01/4507						
003	5							
	Dt : 28/05/2003	Dt : 28/11/2001						
6	00831/D	PCT/US	60/250,182 dt. 29/11/2000	USA	United States of America	Bristol-Myers Squibb Company, 100 Headquarters Park Drive, Skillman, New Jersey 08558, USA.	Light stabilized antimicrobial materials.	A61 K 31/74
6	ELNP/2	01/4477						
003	3							
	Dt : 28/05/2003	Dt : 29/11/2001						
6	00832/D	PCT/US	09/736,558 dt. 13/12/2000	USA	United States of America	Fuelcell Energy Inc., 3, Great Pasture Road, P.O. Box 305, Danbury, CT 06813-1305, USA.	Electrolyte Creepage barrier for liquid electrolyte fuel cells.	h01 m 2/00
7	ELNP/2	01/4789						
003	0							
	Dt : 28/05/2003	Dt : 11/12/2001						
6	00833/D	PCT/FR	00/14124 dt. 3/11/2000	France.	France	Kermel, 20 rue Ampere, F-68000 Colmar, France.	High-Visibility Textile Surface.	D03 D 15/12
8	ELNP/2	01/0333						
003	3							
	Dt : 28/05/2003	Dt : 26/10/2001						
6	00834/D	PCT/AU	PR 1748 dt. 29/11/2000		Australia	Origin Energy Retail Limited, Level 6, 1 King William Street, Adelaide, South Australia 5000, Australia.	Semiconductor wafer processing to increase the usable planar surface area.	h01 21/301
9	ELNP/2	01/0154	Australia.					
003	6							
	Dt : 28/05/2003	Dt : 29/11/2001						
7	00835/D	PCT/US	09/703,267 & 60/276,385 dt.		United States of America	Kaufman	System and	g06f

0	ELNP/2 003	01/4286 7	31/10/2000 & 16/3/2001 USA.	d State s of Ame rica	Michael Philip, 77, East 12th Street, Suite 2FG, New York, NY 10003, USA	method for generating automatic user interface for arbitrarily complex or large databases.	17/3 0
	Dt : 28/05/2 003	Dt : 31/10/2 001					
7	00836/D 1 003	PCT/IBO 1/01988	00124061.3 dt. 6/11/2000 EP	Unite d State s of Ame rica	International Business Machine Corporation, Armonk, New York 10504, USA	Method and system for processing a request of a customer.	g06f 1/00
	Dt : 28/05/2 003	Dt : 24/10/2 001					
7	00837/D 2 003	PCT/EP 01/1030	00480128.8 dt. 20/12/2000 EP	Unite d State s of Ame rica	International Business Machine Corporation, Armonk, New York 10504, USA	Method and system for fulfilling requests for information from a network client.	g06f 17/3 0
	Dt : 28/05/2 003	Dt : 07/09/2 001					
7	00838/D 3 003	PCT/AU 01/0143	PR 1299 dt. 8/11/2000 Australia.	Austr alia	Chak Man Thomas Chang, 118, Greenford Street, Chapel Hill Queensland 4069, Australia.	Plasma Electroplating.	C23 C 16/5 0
	Dt : 29/05/2 003	Dt : 08/11/2 001					
7	00839/D 4 003	PCT/GB 01/0558	09/737,622 dt. 18/12/2000 USA	Neh erlan ds	Royal Packaging Industries Van Leer N.V., Amsterdam weg 206, P.O. Box 23, 1120 AA Amstelveen, The Netherlands.	Closure assembly and method.	B65 D 47/5 6
	Dt : 29/05/2 003	Dt : 17/12/2 001					
7	00840/D 5 003	PCT/IBO 1/02838	09/734,231 dt. 11/12/2000 USA	Unite d King dom	Infineum International Limited, P.O. Box 1, Milton Hill Abingdon, Oxford, Oxfordshire OX 13 8EB, UK.	Two-cycle lubricating oil with reduced smoke generation.	C10 M
	Dt : 29/05/2 003	Dt : 03/12/2 001					

7	00841/D	PCT/IBO	00 16595	dt. 19/12/2000				
6	ELNP/2	1/02523	France.					
		003						
			Dt :	18/12/2				
			29/05/2	001				
			003					
					Swa	Dietrich	Method and	B65
					zilan	Yves, 1316,	installation for	D
					d	Chevilly,	emptying	69/0
						Switzerland	casks.	0
						and Dietrich		
						Frederic, 20,		
						Chemin de		
						Pre-Lebaz,		
						1054,		
						Morrens,		
						Switzerland.		
7	00841/D	PCT/IBO	00 16595	dt. 19/12/2000				
7	ELNP/2	1/02523	France.					
		003						
			Dt :	18/12/2				
			29/05/2	001				
			003					
					Swa	Dietrich	Method and	B65
					zilan	Yves, 1316,	installation for	D
					d	Chevilly,	emptying	69/0
						Switzerland	casks.	0
						and Dietrich		
						Frederic, 20,		
						Chemin de		
						Pre-Lebaz,		
						1054,		
						Morrens,		
						Switzerland.		
7	00842/D	PCT/IL0	140136	dt. 6/12/2000	Israel			
8	ELNP/2	1/01121						
		003						
			Dt :	05/12/2				
			29/05/2	001				
			003					
					Israe	Intumed Ltd.,	Apparatus for	A61
					I	Yehoshua	self-guided	M
						Hatsoref	intubation.	
						Street 15,		
						84103, Be'er		
						Sheva,		
						Israel.		
7	00842/D	PCT/IL0	140136	dt. 6/12/2000	Israel			
9	ELNP/2	1/01121						
		003						
			Dt :	05/12/2				
			29/05/2	001				
			003					
					Israe	Intumed Ltd.,	Apparatus for	A61
					I	Yehoshua	self-guided	M
						Hatsoref	intubation.	
						Street 15,		
						84103, Be'er		
						Sheva,		
						Israel.		
8	00843/D	PCT/GB	0029104.3	dt. 30/11/2000	UK			
0	ELNP/2	01/0523						
		003						
			Dt :	27/11/2				
			30/05/2	001				
			003					
					Engl	Honeywell	Cooling	B64
					and	Normalair-	apparatus.	D
						Garrett(Holdi		13/0
						ngs) Limited,		6
						Westland		
						Works,		
						Yeovil,		
						Somerset		
						.BA 20 2YD,		
						England.		
8	00844/D	PCT/US	60/25	dt. 20/12/2000	USA			
1	ELNP/2	01/4937						
		003						
			Dt :	19/12/2				
			30/05/2	001				
			003					
					Unite	Bristol-Myers	Substituted	c07d
					d	Squibb	pyrazinoquino	487/
					State	Pharma	xaline	04
					s of	Company,	derivatives as	
					Ame	Lawrencevill	serotonin	
					rica	e-Princeton	receptor	
						Rd., P.O.	agonists and	

					Box 4000, Princeton, New Jersey 08543-4000, USA.	antagonists.	
8	00845/D	PCT/EP	100 60 410.2 dt. 5/12/2000	Ger	Bayer	Thermoplastic	c08l
2	ELNP/2	01/1364	Germany.	man	Aktiengesell	moulding	51/0
	003	7		y	schaft, D- 51368, Leverkusen, Germany.	compositions.	0
	Dt :	Dt :					
	30/05/2	23/11/2					
	003	001					
8	00846/D	PCT/EP	100 59 254.6 dt. 29/11/2000	Ger	Haarmann &	Process for	A61
3	ELNP/2	01/1350	Germany.	man	Reimer	the	K
	003	9		y	GMBH, D- 37601, Holzminden, Germany.	preparation of Phenylene- bis- benzimidazole -tetrasulphonic acid disodium salt.	7/42
	Dt :	Dt :					
	30/05/2	21/11/2					
	003	001					
8	00847/D	PCT/US	60/256,745 dt. 20/12/2000 USA	Unite	Bristol-Myers	Substituted	C07
4	ELNP/2	01/4938		d	Squibb	pyroloquinolin	D
	003	0		State	Company,	es and	471/
				s of	Lawrencevill	pyridoquinolin	16
				Ame	e-Princeton	es as	
				rica	Rd., P.O.	serotonin	
	Dt :	Dt :			Box 4000,	agonists and	
	30/05/2	19/12/2			Princeton,	antagonists.	
	003	001			New Jersey 08543-4000, USA.		
8	00848/D	PCT/US	60/256,740 dt. 20/12/2000 USA	Unite	Bristol-Myers	Substituted	C07
5	ELNP/2	01/4937		d	Squibb	pyridoindoles	D
	003	1		State	Company,	as serotonin	513/
				s of	Lawrencevill	agonists and	00
				Ame	e-Princeton	antagonists.	
				rica	Rd., P.O.		
	Dt :	Dt :			Box 4000,		
	30/05/2	19/12/2			Princeton,		
	003	001			New Jersey 08543-4000, USA.		
8	00849/D	PCT/FR	00/16066 dt. 11/12/2000	Fran	Atofina, 4/8,	Process for	C07
6	ELNP/2	01/0387	France.	ce	cours	the	F
	003	6			Michelet, F- 92800, Puteaux, France.	preparation of bita- phosphorated nitroxide radicals.	9/40
	Dt :	Dt :					
	30/05/2	07/12/2					
	003	001					
8	00850/D	PCT/JP	P2001-318669 Dt. 16/10/2001	Japa	Koninklijke	"Disc-	G11
7	ELNP/2	02/1055	Japan	n	Philips	Shapoed	B
	003	8			Electronics	Recording	7/02





1	ELNP/2 003	01/1408 4	Italian.		S.P.A. Vuake Ortkies, 12,1-20139 Milan Italy,	the preparation of paclitaxel.	D 305/ 14
		Dt : 02/06/2 003	Dt : 03/12/2 001				
9	00855/D	PCT/IBO	0011178.3 dt. 12/12/2000 EP.	Neh erlan ds	Walk Pak Holding NV., 24, Kaya W.P. Godett, Postbus 3089, NL- Curacao, Netherlands.	Installation for Packaging Liquid Doses in Sealed Bags and Use Thereof.	B65 D 9/20
2	ELNP/2 003	1/02296					
		Dt : 02/06/2 003	Dt : 04/12/2 001				
9	00856/D	PCT/BR	PI 006521-8 dt. 19/12/2000 BR.	Brazi l	Peres, Dalmo Jose, Av. Nossa Senhora de Fatima, 805 - apt. 93, Jd. Dom Bosco, CEP-10390- 000 Chmpinas (BR), Brazil,	Mechanical apparatus applied to the toilet flusyh.	E03 D
3	ELNP/2 003	01/0015 5					
		Dt : 02/06/2 003	Dt : 18/12/2 001				
9	00857/D	PCT/EP	10 55 940.9 dt. 10/11/2000	Ger man y	Haarmann & Reimer GMBH, D- 37601, Holzminde, Germany.	Novel indanylidene compounds.	C07 C 255/ 40
4	ELNP/2 003	01/1251 6	Germany.				
		Dt : 03/06/2 003	Dt : 30/10/2 001				
9	00858/D	PCT/GB	0029610.3 & 09/740,031 dt.	Engl and	Avecia Limited, Hexagon House, Blackley, Manchester M 9 8ZS, England.	Process for the preparation of Phosphorothio ate oligonucleotid es.	C07 H 21/0 0
5	ELNP/2 003	01/0533 8	5/12/2000 & 20/12/2000 UK & USA				
		Dt : 03/06/2 003	Dt : 03/12/2 001				
9	00859/D	PCT/EP	60/251,247 & 09/884,012 dt.	Swe den	Telefonaktie bolaget LM Ericsson (PUBL), Telefonvage n 30, Telefonplan, S-126 25 Stockholm, Sweden.	System and methods to reducing message overhead in a wireless communicatio n network.	H04 Q 7/00
6	ELNP/2 003	01/1394 2	4/12/2000 & 18/6/2001 USA				
		Dt : 03/06/2 003	Dt : 29/11/2 001				
9	00860/D	PCT/US	03/729,550 & 09/729,453 dt.	Unite d State	Univation Technologie s, LLC, 5555	Polymerization process.	C08 F 10/0
7	ELNP/2 003	010444 36	4/12/2000 USA				

	Dt : 03/06/2003	Dt : 27/11/2001		s of Ame rica	San Felipe, Suite 1950, Houston, Texas 77056, USA		0
9	00861/D	PCT/US	09/730,920 dt. 6/12/2000 US	Unite d	Accessmoun t LLC, 2542, East Aurora Road # 203, Twinsburg, Ohio 44087, USA	Remotely attachable and separable coupling.	H01 F 7/00
8	ELNP/2	01/4717		s of Ame rica			
	Dt : 03/06/2003	Dt : 05/12/2001					
9	00862/D	PCT/AT	A 2154/2000 dt. 28/12/2000	Ger man y	Tridonic Optoelectron ics GmbH, Eisensiddter strasse 20, A-8380, Jennersdorf, Austria, LITEC GBR, and Leuchtstoffw erk Breitungen GmbH, Lange Somme 17, 98597 Breitungen, Germany.	Light source comprising a light-emitting element.	H01L 33/0 0
9	ELNP/2	01/0036	Austria				
	Dt : 04/06/2003	Dt : 19/11/2001					
1	00863/D	PCT/IT0	PCT/IT00/00519 DT.	Italy	Atop Innovation S.P.A., Via Boccaccio, 4-20100, Milan, Italy.	Improved optical compact DISC, Or CD	G11 B 7/00
0	ELNP/2	0/00519	15/12/2000				
0	003						
	Dt : 04/06/2003	Dt : 15/12/2000					
1	00864/D	PCT/US	09/732,247 dt. 7/12/2000 USA	Can ada	Nortel Networks Limited, 2351, Boulevard Alfred-Noel, St. Laurent, Quebec H4S 2A9, Canada.	Resolving ambiguity in a CDMA soft handoff.	H04 Q 7/38
0	ELNP/2	01/3068					
1	003	0					
	Dt : 04/06/2003	Dt : 10/01/2001					
1	00865/D	PCT/US	09/731,173 dt. 6/12/2000 USA	Unite d	The Lubrizol Corporation, 29400 Lakeland Boulevard,	A continuous process for making an aqueous hydrocarbon	
0	ELNP/2	01/4513		s of Ame			
2	003	7					
	Dt : 04/06/2003	Dt : 10/01/2001					

	04/06/2 003	30/11/2 001		rica	Wickliffe, Ohio 44092- 2298, USA.	fuel.	
1	00866/D	PCT/JP	2000-402449 dt. 28/12/2000	Japa	Honda Giken	Cam	F16
0	ELNP/2	01/0888	Japan.	n	Kogyo	Assembly and	H
3	003	0			Kabushiki	cam	53/0
					Kaisha, 1-1, Minamiaoya ma 2-chome, Minato-ku, Tokyo 107- 8556, Japan and Hirata Technical Co. Ltd., 5- 10, Nishihokima 2-come, Adachi-ku, Tokyo 121- 8540 Japan.	positioning apparatus.	2
	Dt :	Dt :					
	04/06/2	10/10/2					
	003	001					
1	00867/D	PCT/US	09/731,309 dt. 6/12/2000 USA	Unite	The Lubrizol	A	C01L
0	ELNP/2	01/4648		d	Corporation,	concentrated	1/32
4	003	7		State	29400,	emulsion for	
				s of	Lakeland	making an	
	Dt :	Dt :		Ame	Boulevard,	aqueous	
	04/06/2	11/05/2		rica	Wickliffe,	hydrocarbon	
	003	001			Ohio -44092- 2298, USA	fuel.	
1	00868/D	PCT/AU	PR 1844 dt. 1/12/2000	Austr	Gayat Pty	Articulated	B62
0	ELNP/2	01/0155	Australia.	alia	Ltd., 107- 125 Echua Road, Mooroopna Victoria 3629, Australialia.	vehicle wheel tracking mechanism.	D 13/0 2
5	003	9					
	Dt :	Dt :					
	04/08/2	30/11/2					
	003	001					
1	00869/D	PCT/US	60/251,273 & 09/999,366 dt.	Can	Nortel	A method and	H04
0	ELNP/2	01/4582	4/12/2000 & 15/11/2001 USA.	ada	Networks	system to	Q
8	003	1			Limited, 2351, Boulevard Alfred-Nobel, St. Laurent, Quebec H4S 2A9, Canada.	transition from a facsimile communicatio ns session to a voice communicatio ns session.	7/00
	Dt :	Dt :					
	05/06/2	03/12/2					
	003	001					
1	00870/D	PCT/US	09/740,811 & 09/847,121 dt.	Unite	The Quigley	Method and	A61
0	ELNP/2	01/4929	21/12/2000 & 2/5/2001 USA	d	Corporation,	composition	K
7	003	7		State	Kells	for the	
				s of	Building, 621, Shady Retreat Road,	treatment of diabetic neuropathy.	
	Dt :	Dt :		Ame			
	05/06/2	19/12/2		rica			

003	001				P.O.Box 1349, Doylestown, Pennsylvania 18901- 1349, USA			
1	00871/D	PCT/US	09/739,550 dt. 15/12/2000	USA	United States of America	Can Technologies, Inc., 12900 Whitewater Drive, Minnetonka, MN 55343, USA	Computer system for determining a customized animal feed.	A01 K 5/00
0	ELNP/2	01/4808						
8	003	5						
	Dt :	Dt :						
	05/06/2	13/12/2						
	003	001						
1	00872/D	PCT/US	09/738,808 dt. 15/12/2000	USA	United States of America	Bausch & Lomb Incorporated, One Bausch & Lomb Place, Rochester, New York 14604, USA	Prevention of preservative uptake into biomaterials.	A61L 12/0 0
0	ELNP/2	01/4697						
9	003	4						
	Dt :	Dt :						
	05/06/2	06/12/2						
	003	001						
1	00873/D	PCT/US	09/731,290 dt. 6/12/2000	USA	United States of America	Bausch & Lomb Incorporated, One Bausch & Lomb Place, Rochester, New York 14604, USA	Reversible gelling system for ocular drug delivery.	A61 K 9/00
1	ELNP/2	01/4649						
0	003	8						
	Dt :	Dt :						
	05/06/2	03/12/2						
	003	001						
1	00874/D	PCT/US	09/735,115 dt. 12/12/2000	USA	United States of America	Bausch & Lomb Incorporated, One Bausch & Lomb Place, Rochester, New York 14604, USA	Durable flexible attachment components for accommodating intraocular lens.	A61F 2/16
1	ELNP/2	01/4446						
1	003	5						
	Dt :	Dt :						
	05/06/2	28/11/2						
	003	001						
1	00875/D	PCT/BE	00870300.1 dt. 13/12/2000	Europe	Belgium	Vrije Universiteit Brussel, Pleinlaan 2, B-1050 Brussels, Belgium.	Method for in vitro culture of ovarian follicles.	C12 N 5/06
1	ELNP/2	01/0020						
2	003	9						
	Dt :	Dt :						
	05/06/2	11/12/2						
	003	001						
1	00876/D	PCT/US	09/736,549 dt. 13/12/2000	USA	United States of America	Fuelcell Energy, Inc., 3 Great Pasture	Ultra-smooth dielectric members for liquid	H01 M 8/02
1	ELNP/2	01/4810						
3	003	8						

					America	Road, P.O. Box 1305, Danbury, CT 06813-1305, USA	electrolyte fuel cells.	
	Dt : 05/06/2003	Dt : 11/12/2001						
1	00877/D	PCT/US	60/265,700 dt. 1/2/2001	USA	United States of America	Exxonmobil Chemical Patents, Inc., 5200 Bayway Drive, Baytown, Texas 77520-5200, USA	Production of Higher olefins.	C07 C 7/13
1	ELNP/2	02/0280						
4	003	0						
	Dt : 05/06/2003	Dt : 31/01/2002						
1	00878/D	PCT/GB	0031611.7 dt. 21/12/2000	GB	United Kingdom	Lucite International UK Limited, 1st Floor, Queens Gate, 15-16, Queens Terrace, Southampton, Hampshire SO14 3BP, UK.	EDGE-LIT Illumination devices.	F21V 8/00
1	ELNP/2	01/0477						
5	003	3						
	Dt : 05/06/2003	Dt : 29/10/2001						
1	00879/D	PCT/AT	A 2063/2000 dt. 12/12/2000		Austria	Fibrex Medical Research & Development GmbH, Rabensteig 8/3A, A-1010 Wien, Austria.	Peptides and/or proteins and use thereof for the production of a therapeutic and/or prophylactic medicament.	C07 K 7/00
1	ELNP/2	01/0038	Austria					
6	003	7						
	Dt : 05/06/2003	Dt : 07/12/2001						
1	00880/D	PCT/AT	A 2115/2000 dt. 20/12/2000		Austria	Treibacher Industrie AG, Auervon-Welsbach-Strasse 1, A-9330 Treibach-Althofen, Austria.	Method for producing tungsten carbide.	C04 B 35/36
1	ELNP/2	01/0039	Austria					
7	003	9						
	Dt : 05/06/2003	Dt : 20/12/2001						
1	00881/D	PCT/US	60/270,200 & 09/997,308 dt. 22/2/2001 & 30/11/2001	USSN	United States of America	Digital Atlantic, Inc., 17025, Spates Hill Road, Poolesville, Maryland	Cascaded line-of-sight free-space communication system	H04 B 10/00
1	ELNP/2	02/0441						
8	003	6						
	Dt : 05/06/2003	Dt : 15/02/2002						

003	002		20837, USA			
1	00882/D	PCT/US	09/729,033 dt. 4/12/2000 USA	United States of America	Donaldson Company, Inc., 1400 West 94th Street, P.O. Box 1299, Minneapolis, Minnesota 55440-1299, USA	Filter system; element configuration; and methods. 2
1	ELNP/2	01/4627				B01 D 46/5
9	003	7				
	Dt :	Dt :				
	05/06/2	29/11/2				
	003	001				
1	00883/D	PCT/US	60/247,306 dt. 9/11/2000 USA	United States of America	NeoPharm, Inc., Suite 195, 150 Field Drive, Lake Forest, Illinois 60045, USA	SN-38, LIPID complexes and methods of use. A61 K
2	ELNP/2	01/4332				
0	003	5				
	Dt :	Dt :				
	06/06/2	09/11/2				
	003	001				
1	00884/D	PCT/EP	MI 2000A002797 dt. 22/12/2000 Italy	United States of America	Dow Global Technologies Inc., Washington Street, 1790 Building, Midland, MI 48674, USA	Isocyanic compositions and use thereof in the preparation of expanded polyurethanes with improved fire behaviour. C08 G 18/7 6
2	ELNP/2	01/1527				
1	003	6				
	Dt :	Dt :				
	06/06/2	21/12/2				
	003	001				
1	00885/D	PCT/CU	CU 287/2000 dt. 8/12/2000	Cuba	Centro De Immunologia Molecular, 216 y 15, Atabey, Playa Ciudad de la Habana 12100, Cuba.	Immunotherapy combinations for the treatment of tumors. A61 K 39/3 95
2	ELNP/2	01/0001				
2	003	2				
	Dt :	Dt :				
	06/06/2	06/12/2				
	003	001				
1	00886/D	PCT/CU	CU 286/2000 dt. 6/12/2000	Cuba	Centro De Immunologia Molecular, 216 y 15, Atabey, Playa Ciudad de la Habana 12100, Cuba.	Vaccine Composition containing Transforming growth factor alpha (TGF-Alpha) A61 K 38/1 8
2	ELNP/2	01/0001				
3	003	1				
	Dt :	Dt :				
	06/06/2	06/12/2				
	003	001				
1	00887/D	PCT/CU	CU 285/2000 & CU 167/2001	Cuba	Centro De Immunologia Molecular, 216 y 15, Atabey, Playa Ciudad de la Habana 12100, Cuba.	Pharmaceutical compositions enhancing the immunogenicity of poorly
2	ELNP/2	01/0001	dt 6/12/2000 & 12/7/2001			a61K 39/3 85
4	003	0				
	Dt :	Dt :				
	06/06/2	06/12/2				

003	001				Ciudad de la Habana 12100, Cuba.	immunogenic antigens.	
1	00888/D	PCT/RU	20001127681 dt. 8/11/2000		Gubenko, Lev Anatolievich, ul, Arbat, 17- 12, Moscow 121002, Russia & Snop, Vladimir Isakovich ul, Zoi I Alexandra Kosmodemia nskikh, 4- 177, Moscow 171125, Russia.	Power Module for an autoclave.	B01J 3/04
2	ELNP/2	01/0047	Russia				
5	003	1					
	Dt :	Dt :					
	06/06/2	08/11/2					
	003	001					
1	00889/D	PCT/EP	100 56 606.5 dt. 15/11/2000	Ger	Solvay Flour	Use of liquids	C09
2	ELNP/2	01/1295	Germany.	man	Und Derivate	containing	K
6	003	7		y	GmbH, Hans- Bockler- Allee 20, D- 30173, Hannover, Germany.	1,1,1,3,3- pentafluorobut ane as cooling agents or heat carriers.	5/04
	Dt :	Dt :					
	06/06/2	09/11/2					
	003	001					
1	00890/D	PCT/JP	2000-377960 dt. 12/12/2000	Japa	Toyota	Device for	F02
2	ELNP/2	01/1091	Japan.	n	Jidosha	controlling	D
7	003	7			Kabushiki Kaisha, 1, Toyota-cho, Toyota-shi Aichi 471- 8571, Japan.	internal combustion engines.	41/0 4
	Dt :	Dt :					
	06/06/2	12/12/2					
	003	001					
1	00891/D	PCT/US	09/724,797 dt. 28/11/2000 USA	Unite	Sloan-	Micromonospo	C12
2	ELNP/2	01/4428		d	Kettering	ra	N
8	003	5		State	Institute for	echinospora	15/0
	Dt :	Dt :		s of	cancer	genes	0
	06/06/2	28/11/2		Ame	Research,	encoding for	
	003	001		rica	460 E.63rd Street, New York, N.Y. 10021, USA	biosynthesis of calicheamicin and self- resistance thereto.	
1	00892/D	PCT/US	60/255,114 dt. 14/12/2000 USA	Unite	Control	Implantable	A61
2	ELNP/2.	01/4756		d	Delivery	refillable and	M
9	003	8		State	Systems,	ported	39/0
				s of	313,	controlled	0

Unit d King dom	World Golf Systems Limited, Axis 4 Rhodes Way,	Ball collection arrangement.	A63 B 63/0 0
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Dt: Dt:



09/06/2 003	19/11/2 001				Watford, Herts WD 24 4YW, UK.			
1	00899/D	PCT/EP	100 64 816.9	Dt. 22/12/2000	German	Boehringer Ingelheim Pharma GmbH & Co. Kg., Binger strasse 173, D-55216 Ingelheim am Rhein, Germzany	"method for producing the anticholinergic agent tiotropium bromide"	C07 D 451/ 10
3	ELNP/2	01/1456						
6	003	6						
Dt:	Dt:							
10/06/2 003	12/12/2 001							
1	00900/D	PCT/EP	100 56 332.5	dT. 14/11/2000	German	Hartmuth Rausch, 215, Rheydter Strasse, 41352 Korscheinbr oich, Germany and Elektrische Automatisier ungs- undantribste chnik Eaat GmbHChem nitz, 231 Annaberger Strasse 09120 Chemnitz, Germany	"Actuator That functions by means of a movable coil arrangement"	H01 F 7/06
3	ELNP/2	01/1317	Germany					
7	003	5						
Dt:	Dt:							
10/06/2 003	14/11/2 001							
1	00901/D	PCT/GB	09/753,845	Dt. 3/1/2001	United	International Business State Machine s of Corporation, America New York, United States of America, of Armonk, New York 10504, U.S.A.	"System and Method for Electrically Induced Breakdown of Nanostructure s."	H01L 51/2 0
3	ELNP/2	01/0571						
8	003	5 Dt. 21/112						
Dt:	Dt:							
10/06/2 003	21/12/2 001							
1	00901/D	PCT/GB	09/753,845	Dt. 3/1/2001	United	International Business State Machine s of Corporation, America New York, United States of America, of Armonk, New York 10504, U.S.A.	"System and Method for Electrically Induced Breakdown of Nanostructure s."	H01L 51/2 0
3	ELNP/2	01/0571						
9	003	5 Dt. 21/112						
Dt:	Dt:							
10/06/2 003	01/01/1							

900

				America, of Armonk, New York 10504, U.S.A.		
1	00901/D	Dt :	09/753,845	Dt. 3/1/2001	United International	"System and H01L
4	ELNP/2	01/01/1			d Business	Method for 51/2
0	003	900			State Machine	Electrically 0
					s of Corporation,	Induced
					Ame New York,	Breakdown of
					rica United	Nanostructure
					States of	s."
					America, of	
					Armonk,	
					New York	
					10504,	
					U.S.A.	
1	00902/D	PCT/US	09/730,143	Dt. 5.12.2000	United Colgate-	"Zinc A61
4	ELNP/2	01/4689	U.S.A.		d Palmolive	Containing K
1	003	5 Dt.			State Company,	Dentifrice of 7/16
		4.12.2			s of 300 Park	Reduced
					Ame Avenue,	Astringency."
					rica New York,	
					NJ 10022	
					U.S.A.	
1	00903/D	PCT/US	09/761,956	Dt. 17/1/2001	United Seaquist	"Toggle - B65
4	ELNP/2	01/5097	U.S.A.		d Closures	Action D
2	003	7			State Foreign, Inc.,	Dispensing 47/0
					s of 474 West	Closure With 0
					Ame Terra Cotta,	an Actuation-
					rica Crystal Lake,	Prevention
					Illinois	Abutment and
					60014,	a Recessed
					United State	Striker Rib"
					of America	
1	00903/D	PCT/US	09/761,956	Dt. 17/1/2001	United Seaquist	"Toggle - B65
4	ELNP/2	01/5097	U.S.A.		d Closures	Action D
3	003	7			State Foreign, Inc.,	Dispensing 47/0
					s of 474 West	Closure With 0
					Ame Terra Cotta,	an Actuation-
					rica Crystal Lake,	Prevention
					Illinois	Abutment and
					60014,	a Recessed
					United State	Striker Rib"
					of America	
1	00904/D	PCT/FR	600/16607	Dt. 18/12/2000	Barb Airinspace	"Electrostatic B03
4	ELNP/2	01/0401	France		ados Limited, Reid	Device for C
4	003	9			Hall, 3 Reid	Ionic Air 3/38
					Street,	Emission"
					Hamilton	
					HM11, Les	
					Bermudes,	
1	00904/D	PCT/FR	600/16607	Dt. 18/12/2000	Barb Airinspace	"Electrostatic B03

4	ELNP/2	01/0401	France	ados	Limited, Reid	Device for	C
5	003	9			Hall, 3 Reid	Ionic Air	3/38
					Street,	Emission"	
					Hamilton		
					HM11, Les		
					Bermudes,		
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5	ELNP/2	01/0082	60/272,098 Dt. 13/12/2000 and					
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5	ELNP/2	00/0436	16/11/2000					
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5	ELNP/2	01/0075	00765 dt. 16/11/2000 &					
2	003	6	15/5/2001 Denmark.					
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5	ELNP/2	01/5054						
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5	ELNP/2	01/4798	12/12/2000 & 7/12/2001 USA	d	Company,	suspension.	G	
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1	00912/D	PCT/US	09/715,085 dt. 20/11/2000 USA	Unite	Soma	Feed forward	H03	
5	ELNP/2	01/4303		d	Networks,	amplifier.	F	
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1	00913/D	PCT/US	60/251,892 dt. 6/12/2000 USA	Unite	Neuralab	Humanized	C07	
5	ELNP/2	01/4658		d	Limited, 102	antibodies that	K	
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5	ELNP/2	01/4533		d	Corporation,	having	N	
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1	00915/D	PCT/CA	09/741,468 dt. 19/12/2000 USA	Can	Husky	Post mold	B29	
5	ELNP/2	01/0165		ada	Injection	cooling	C	
8	003	2			Molding	method and		
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					Street South,			
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					Ontario L7E			
					5S5,			

1	00916/D	PCT/CA	09/742,499 dt. 20/12/2000	USA	Canada.			
5	ELNP/2	01/0109			Husky	Device for	B29c	
9	003	7		Canada	Injection	temperature	45/7	
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1	00917/D	PCT/US	09/731,161 dt. 6/12/2000	USA	United	General	System and	G06
6	ELNP/2	01/4679			d	Electric	method for	F
0	003	6			State	Capital	allocating	
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1	00918/D	PCT/AU	PR 1559 dt. 20/11/2000		Austra	C GEAR	"A MAT"	A47
6	ELNP/2	01/0148	Australia		alia	AUSTRALIA		G
1	003	9 dt.				PTY. LTD.,		9/06
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1	00919/D	PCT/AU	PR 1487 dt. 15/11/2000		Austra	ADVANCED	"A METHOD	H04
6	ELNP/2	01/0140	Australia, PR 2063 dt.		alia	COMMUNIC	OF	B
2	003	5dt.	13/12/2000 AUSTRALIA, PR			ATIONS	UPDATING A	1/70
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1	00920/D	PCT/SE	PCT/SE01/00033 DT.		Swe	Gert	Vehicles	B61
6	ELNP/2	01/0003	10/1/2001		den	Andersson,	transit	B
3	003	3				Skarviksvag	apparatus.	9/00
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1	00921/D	PCT/US	09/737,534 dt. 15/12/2000	USA	Unite	Ashland Inc.,	Phosphate	C02
6	ELNP/2	01/4470			d	, P.O. Box	stabilizing	F
4	003	6			State	2219,	compositions.	1/28
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1	00923/D	PCT/US	60/257,141 dt. 20/12/2000	USA	Unite	Exxonmobil	Process for	C08
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7	003	3			State	Inc., 2100,	transgenic	
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						0070 USA		
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6	ELNP/2	01/0404	France.		ce	national DE	ellipsometric	N
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						4, Place		
						Jussieu,		
						75005,		
						Paris,		
						France.		

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 652/CAL/2002 A

(22) Date of filing of : 25/11/2002  
application

(54) Title of the Invention : "APPARATUS AND METHOD FOR CONVERTING THERMAL TO ELECTRICAL ENERGY."

(51) International classification : F02G 1/04

(30) Priority Data :

(31) Document No.

(32) Date :

(33) Name of convention country :

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NIL

(64) Filed on :NA

(71) Name of the Applicant : HENRY  
BASCOM BONAR, II 4939 MORVEN  
ROAD, JACKSONVILLE, FLORIDA 32210,  
U.S.A.

(72) Name of the Inventors :  
HENRY BASCOM BONAR

(57) Abstract : A cycle engine converting thermal energy to electricity includes a cylinder housing having a piston having two oppositely disposed heads and mounted for reciprocating inside the cylinder. The cylinder is disposed between a hot zone to supply hot gas to one piston head and a cold zone to receive discharged hot gas from another piston head, and to transform the discharged hot gas into a liquid. The hot zone supplies hot gas into the first piston head, while the second head discharges hot gas to the cold zone. This action creates a pressure differential between the two piston heads that causes the piston heads to move in one direction. Thereafter, the hot zone supplies hot gas to the second piston head, while the first piston head discharges hot gas to the cold zone, thereby creating pressure differential between the heads causing the piston to move in another direction. The piston is provided with a permanent magnet coupled to electric coil. When the piston reciprocates, it creates a magnetic influx in the electric coil, which is transformed into electricity in the coil.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. 653/CAL/2002 A (22) Date of filing of : 25/11/2002 application
- (54) Title of the Invention : "TEST STRIPS HAVING A PLURALITY OF REACTION ZONES AND METHODS OF USING AND MANUFACTURING THE SAME."

<p>(51) International classification : G01N 33/487</p> <p>(30) Priority Data :</p> <p>(31) Document No. 10/011, 000</p> <p>(32) Date : 05/12/2001</p> <p>(33) Name of convention country : U.S.A.</p> <p>(66) Filed U/s 5(2) :NIL</p> <p>(61) Patent of addition to application No. NA</p> <p>(62) Filed on :NA</p> <p>(63) Divisional to Application No. :NIL</p> <p>(64) Filed on :NA</p>	<p>(71) Name of the Applicant : LIFESCAN, INC., OF 1000 GIBRALTAR DRIVE, MS3D, MILPITAS, CALIFORNIA 95035, U.S.A.</p> <p>(72) Name of the Inventors : YU, YEUNG, SIU</p>
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(57) Abstract : Test strips, and methods for their manufacture and use in the determination of the concentration of at least one analyte in a physiological sample are provided. The subject test strips have a plurality of reaction zones defined by a hydrophobic barrier. The reagent compositions present in each reaction zone may be the same or different. In addition, each reaction zone may have a separate fluid channel, or two or more of the reaction zones may have separate channels that merge into a single channel. In use, sample is applied to a subject test strip a signal is detected and then related to the amount of analyte in the sample. Also provided are methods for manufacturing the subject test strips using thermal transfer technology to apply the hydrophobic barrier. Finally, kits are provided for use in practicing the subject methods.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 654/CAL/2002 A

(22) Date of filing of : 25/11/2002  
application

(54) Title of the Invention : "A METHOD FOR THE PRODUCTION OF A LUTEIN-FATTY ACID ESTER CONCENTRATE."

(51) International classification : A23L 1/30, C07C 403/00	(71) Name of the Applicant ; RIKEN VITAMIN CO. LTD., OF 9-18, MISAKI-CHO 2-CHOME, CHIYODA-KU, TOKYO 101-8379, JAPAN.
(30) Priority Data :	
(31) Document No. 2002-091824	
(32) Date : 08/01/2002	
(33) Name of convention country : JAPAN	(72) Name of the Inventors :
(66) Filed U/s 5(2) :NIL	1. SADANO SHIN,
(61) Patent of addition to application No. NA	2. HARADA KOICHI,
(62) Filed on :NA	
(63) Divisional to Application No. :NIL	
(64) Filed on :NA	

(57) Abstract : The present invention relates to a method for the production of a lutein-fatty acid ester concentrate of high purity by dissolving marigold oleoresin in a ketone solvent such as acetone, cooling the solution, and removing wherefrom a ketone solvent-insoluble component to uniform the quality of oleoresin, followed by dissolving the acetone-soluble portion obtained as above in butanol, cooling the solution, removing a butanol-soluble impurity after adding or without adding one or more members selected from the group consisting of water, methanol, ethanol and a mixture thereof, and washing the resulting butanol-insoluble with ethanol.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 655/CAL/2002 A (22) Date of filing of : 25/11/2002 application

(54) Title of the Invention : "A SANITARY NAPKIN."

(51) International classification : A61F 13/15	(71) Name of the Applicant : JOHNSON & JOHNSON INDUSTRIAL LTDA, OF
(30) Priority Data :	RODOVIA PRESIDENTE DUTRA, S/N;
(31) Document No. 0105724-3	KM 154 SAO JOSE DOS CAMPOS, SP,
(32) Date : 26/11/2001	BRAZIL.
(33) Name of convention country : BRAZIL	
(66) Filed U/s 5(2) :NIL	(72) Name of the Inventors :
(61) Patent of addition to application No. NA	1. ANTONIO CARLOS RIBEIRO DE
(62) Filed on :NA	CARVALHO,
(63) Divisional to Application.No. :NIL	2. MARCIA HELENA TEIXEIRA FAJOLLI.
(64) Filed on :NA	

(57) Abstract : One describes a sanitary napkin that has a first transverse end (3) and a second opposite transverse end (3'), which define a length (C) between them, and a plurality of breadths that vary along it length, the breadths being perpendicular to the length (C), which includes;

- (i) a first breadth (L1) located substantially between 1/5 and 1/2 of the total length, as measured from the first transverse end (3);
- (ii) a second breadth (L2) located substantially at from 1/5 to 1/2 of the total length, measured from the second transverse end (3'),
- (iii) the first breadth (L1) being the maximum breadth of the absorbent portion, and the second breadth (L2) being smaller than or equal to the first breadth (L1);
- (iv) a central region intermediate between the first breadth (L1) and the second breadth (L2), the central region having a maximum breadth (L3) that is smaller than or equal to the first breadth (L1).

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 657/CAL/2002 A

(22) Date of filing of : 25/11/2002  
application

(54) Title of the Invention : "METHOD AND APPARATUS FOR ABSORBING (METH) ACRYLIC ACID."

(51) International classification : B01D 53/18, C07C 51/42	(71) Name of the Applicant : NIPPON SHOKUBAI CO. LTD., OF 1-1, KORAIBASHI 4-CHOME, CHUO-KU, OSAKA-SHI, OSAKA, JAPAN.
(30) Priority Data :	
(31) Document No. 2001-375741	
(32) Date : 10/12/2001	
(33) Name of convention country : JAPAN	(72) Name of the Inventors :
(66) Filed U/s 5(2) :NIL	HIRAO HARUNORI
(61) Patent of addition to application No. NA	
(62) Filed on :NA	
(63) Divisional to Application No. :NIL	
(64) Filed on :NA	

(57) Abstract : The object of the present invention is to provide a method to suppress changes the concentration of (meth) acrylic acid in the bottom solution discharged from the absorption column, and to enable stable operation for separating and purifying (meth) acrylic acid in the subsequent steps onward.

The above-mentioned object can be achieved by way of changing the water amount contained in the gas exhausted from the top portion of the absorption column.

**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. 658/CAL/2002 A (22) Date of filing of : 26/11/2002 application
- (54) Title of the Invention : "A STOPPABLE ZIPPER SLIDER CAPABLE OF BEING REASSEMBLED WITH PULL TAB."

(51) International classification : A44B 19/26	(71) Name of the Applicant : ROGER, C. Y. CHUNG OF 25, NO. 1, ALLEY 3, LANE 106, LUNG-AN ROAD, HSINCHUNG CITY, TAIPEI HSIEN, TAIWAN, R. O. C.
(30) Priority Data :	
(31) Document No.	
(32) Date :	
(33) Name of convention country :	
(66) Filed U/s 5(2) :NIL	(72) Name of the Inventors :
(61) Patent of addition to application No. NA	ROGER, C. Y. CHUNG
(62) Filed on :NA	
(63) Divisional to Application No. :NIL	
(64) Filed on :NA	

(57) Abstract : A stoppable zipper slider is mainly a set of sustaining leaf springs, consisting of a single or a pair of pieces, on the inner surface of the covering portion of the zipper slider. The set of sustaining leaf spring, of single piece or two pieces, with one end sustaining downward against the top surface of a stopping hook piece and the other end propping up in between the tail of the hook piece and the slider body, enable a pull tab's sliding along a reserved gap within the covering portion and propping the bottom of one leaf spring open and then entering a braking notch of the stopping hook piece so as to accomplish the action of re-assembly.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 659/CAL/2002 A

(22) Date of filing of : 26/11/2002  
application

(54) Title of the Invention : "METHOD AND ARRANGEMENT FOR ACHIEVING AN ADJUSTED ENGINE SETTING UTILIZING ENGINE OUTPUT AND/OR FUEL CONSUMPTION."

<p>(51) International classification : F16M 1/00  (30) Priority Data :  (31) Document No. 10/269, 986  (32) Date : 15/10/2002  (33) Name of convention country : U.S.A.  (66) Filed U/s 5(2) :NIL  (61) Patent of addition to application No. NA  (62) Filed on :NA  (63) Divisional to Application No. :NIL  (64) Filed on :NA</p>	<p>(71) Name of the Applicant :  ELECTROLUX HOME PRODUCTS, INC.,  OF 18013 CLEVELAND PARKWAY,  SUITE 100, P.O. BOX 35920, CLEVELAND,  OHIO 44135-0920, U.S.A.    (72) Name of the Inventors :  1. BUCKTRON EDWARD,  2. EGERSTAFFER DEREK J.,  3. DUKE JASON D.</p>
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(57) Abstract : A method and associated arrangement for achieving an adjusted engine setting utilizing engine output and/or fuel consumption. An engine that consumes fuel is run. Fuel consumption and/or engine operation output is determined. A value is determined utilizing the determined fuel consumption and/or the determined engine operation output. The engine setting is adjusted to cause the determined value to change toward a desired value.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 661/CAL/2002 A

(22) Date of filing of : 26/11/2002  
application

(54) Title of the Invention : "OPTICAL FIBER DRAWING DIE AND DRAWING METHOD THEREFOR."

(51) International classification : G02B 6/00	(71) Name of the Applicant : FUJIKURA LTD., OF 5-1, KIBA 1-CHOME, KOHTOH-KU, TOKYO, JAPAN.
(30) Priority Data :	
(31) Document No. 2001-380571	
(32) Date : 13/12/2001	
(33) Name of convention country : JAPAN	(72) Name of the Inventors :
(66) Filed U/s 5(2) :NIL	1. FUJIMAKI MUNEHISA,
(61) Patent of addition to application No. NA	2. HAMADA TAKAHIRO,
(62) Filed on :NA	3. HARADA KOICHI.
(63) Divisional to Application No. :NIL	
(64) Filed on :NA	

(57) Abstract : An optical fiber coating die is made such that an interfacial shear rate of the optical fiber to the resin coat is calculated in accordance with a pressure value of resin inside a coating cup, and the interfacial shear rate is in a range of  $-1.5 \times 10^5$  to  $0 \text{ sec}^{-1}$ . Also, an optical fiber drawing die is made such that the interfacial shear rate of the optical fiber to the resin coat is calculated in accordance with a diameter of a coating resin, and the interfacial shear rate is in a range of range of  $-3 \times 10^5$  to  $2 \times 10^5 \text{ sec}^{-1}$ . By doing this , an optical fiber drawing die which can be used in an optical fiber drawing method so as to realize stable resin coating operation even in high-speed drawing operation and high productivity can be realized.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 662/CAL/2002 A

(22) Date of filing of : 27/11/2002  
application

(54) Title of the Invention : "A MONODISPERSE VIRTUAL IMPACTOR TYPE AEROSOL GENERATOR."

(51) International classification : B01F 3/06	(71) Name of the Applicant : INDIAN
(30) Priority Data :	INSTITUTE OF TECHNOLOGY, AN
(31) Document No.	INDIAN INSTITUTE OF KHARAGPUR
(32) Date :	721 302, WEST BENGAL, INDIA.
(33) Name of convention country :	(72) Name of the Inventors :
(66) Filed U/s 5(2) :NIL	1. BHATTACHARYA, SOUVIK DR.,
(61) Patent of addition to application No. NA	2. ARORA, R. C. PROF.,
(62) Filed on :NA	3. CHANDRA, SUMIT DR.,
(63) Divisional to Application No. :NIL	4. AKHTAR, SHAMIM DR.
(64) Filed on :NA	

(57) Abstract : This invention relates to a monodisperse virtual impactor type aerosol generator, more particularly, to a monodisperse aerosol generating device with size control. The generator was constructed by providing constant supply of pressured air from an air compressor to a solid-cone atomizer installed at the bottom of a constant flow-rate generation chambers provided with a mixing box.



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No. 663/CAL/2002 A (22) Date of filing of : 27/11/2002  
application  
(54) Title of the Invention : "PASSIVE DETECTION TO INITIATE TIMING OF AN  
ESSAY."

(51) International classification : G01N 33/53 (30) Priority Data : (31) Document No. 10/013, 856 (32) Date : 10/12/2001 (33) Name of convention country : U.S.A. (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA	(71) Name of the Applicant : LIFESCAN, INC., OF 1000 GIBRALTAR DRIVE MS3D, MILPITAS, CALIFORNIA 95035, U.S.A.  (72) Name of the Inventors : 1. KERMANI, MAHYAR, Z, 2. OHARA, TIMOTHY, 3. TEODORCZYK, MARIA.
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(57) Abstract : The present invention provides methods and systems for passively and automatically detecting the presence of a sample (the "sample detection phase") upon application of the sample to a biosensor, identifying the sample detection time and then initiating the measurement of a targeted characteristic, e.g., the concentration of one or more analytes, of the sample (the "measurement phase"), immediately upon sample detection. The subject methods and systems do not employ or involve the application of an electrical signal from an external source to the electrochemical cell for purposes of performing the sample detection phase and are, thus, less complicated and involve fewer steps and components.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 664/CAL/2002 A

(22) Date of filing of : 27/11/2002  
application

(54) Title of the Invention : "BIOSENSOR APPARATUS AND METHOD WITH SAMPLE TYPE AND VOLUME DETECTION."

<p>(51) International classification : G01N 27/22  (30) Priority Data :  (31) Document No. 10/020, 169  (32) Date : 12/12/2001  (33) Name of convention country : U.S.A.  (66) Filed U/s 5(2) :NIL  (61) Patent of addition to application No. NA  (62) Filed on :NA  (63) Divisional to Application No. :NIL  (64) Filed on :NA</p>	<p>(71) Name of the Applicant : LIFESCAN, INC., OF 1000 GIBRALTAR DRIVE, MS3D, MILPITAS, CALIFORNIA 95035, U.S.A.   (72) Name of the Inventors : KERMANI, MAHYAR, Z.</p>
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(57) Abstract : A biosensor apparatus and method with sample type and cell volume detection. The apparatus includes a sine wave generator to apply an AC signal to a biosensor cell containing a sample, a current-to-voltage converter, a phase shifter, a square wave generator, a synchronous demodulator, and a low pass filter which yields a signal proportional to the effective capacitance across the biosensor cell, which is proportional to the volume of the sample. In addition, the current-to-voltage converter yields a signal indicative of the type of sample contained within the biosensor cell. The method includes applying a sine wave to the biosensor cell, shifting the phase of the resultant signal, generating a square wave synchronous with the sine wave, demodulating the resultant signal with the square wave, and filtering the demodulated signal to produce a signal to produce a signal proportional to the effective capacitance across the biosensor cell. The biosensor apparatus and method are capable of determining sample type and measuring glucose levels over a wide range of sample volumes.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 665/CAL/2002 A

(22) Date of filing of : 27/11/2002  
application

(54) Title of the Invention : "AGITATOR MILL."

(51) International classification : B02C 17/16  
(30) Priority Data :  
(31) Document No. 10163995.3  
(32) Date : 24/12/2001  
(33) Name of convention country :  
GERMANY  
(66) Filed U/s 5(2) :NIL  
(61) Patent of addition to application No. NA  
(62) Filed on :NA  
(63) Divisional to Application No. :NIL  
(64) Filed on :NA

(71) Name of the Applicant :  
MASCHINENFABRIK GUSTAV EIRICH  
GMBH & CO. KG., OF WALLDURNER  
STRASSE 50, D-74736 HARDHEIM,  
GERMANY.

(72) Name of the Inventors :  
1. DURR HERBERT,  
2. EIRICH PAUL.

(57) Abstract : An agitator mill comprises a grinding container (1) with a rotatably drivable agitator (12) disposed therein. Provision is made for a grinding-stock feed pipe (24) with a grinding-stock feed pump (26) and a grinding-stick discharge pipe (27) with a grinding-stock discharge pump (39). At least one of the pumps (26, 39) is controllable.

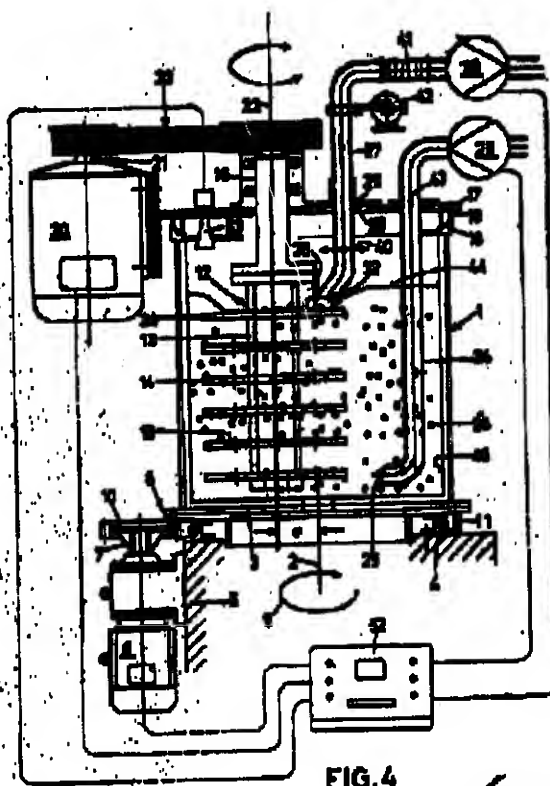


FIG. 4

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 667/CAL/2002 A

(22) Date of filing of : 28/11/2002  
application

(54) Title of the Invention : "A PROCESS FOR THE PREPARATION OF AMORPHOUS SILICON BASED SOLAR CELLS."

<p>(51) International classification : H01L 31/06, 31/18 (30) Priority Data : (31) Document No. (32) Date : (33) Name of convention country : (66) Filed U/s 5(2) :NIL (61) Patent of addition to application No. NA (62) Filed on :NA (63) Divisional to Application No. :NIL (64) Filed on :NA</p>	<p>(71) Name of the Applicant : INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE OF 2A &amp; B RAJA S. C. MULLICK ROAD, JADAVPUR, KOLKATA – 700 032. (72) Name of the Inventors : 1. CHAUDHURI P., 2. RAY, P. P., 3. DUTT GUPTA N., 4. LONGEAUD C., 5. ROY D., 6. MANDRE ROBERT, 7. VIGNOLI STEPHANE.</p>
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(57) Abstract : This invention relates to a process for the preparation of amorphous silicon based solar cells, more particularly, silicon based thin film solar cells having the structure, Glass/SnO<sub>2</sub>/p-aSiC:H/I-a-Si:H/n-a-Si:H/Al depositing the p-a-SiC:H, i-a-Si:H and n-a-Si:H layers on a SnO<sub>2</sub> coated glass substrate by radio frequency assisted plasma enhanced chemical vapour deposition in a single chamber apparatus using argon dilution in the range of 90% to 99% for all the layers.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 668/CAL/2002 A

(22) Date of filing of : 28/11/2002  
application

(54) Title of the Invention : "METHOD OR PROVIDING SERVICE WHICH MAKES POWER DISTRIBUTION OPERATION EFFECTIVE AND SYSTEM."

(51) International classification : G01R 11/56	(71) Name of the Applicant : HITACHI, LTD., OF 6, KANDA SURUGADAI-4-CHOME, CHIYODA-KU, TOKYO 101-8010 JAPAN.
(30) Priority Data :	(72) Name of the Inventors :
(31) Document No. 2001-375142	1. MACHITANI YOICHI,
(32) Date : 10/12/2001	2. UCHIDA TOMONOBU,
(33) Name of convention country : JAPAN	3. OGURA NOBUYUKI.
(66) Filed U/s 5(2) :NIL	
(61) Patent of addition to application No. NA	
(62) Filed on :NA	
(63) Divisional to Application No. :NIL	
(64) Filed on :NA	

(57) Abstract : The power distribution company purchases the electric power from the power generation company and sells retail of the electric power to the electric power customers, and the service provider provides the consultation service to the power distribution company for planning the optimum power distribution system to be constructed with initial investment and for increasing the power distribution efficiency, and they shares the profit money from the power distribution company based on the measured value of the resultant efficiency of the power distribution operation. The system comprises the measurement system for measuring the electric power purchased by the power distribution company, the device for transmitting the measurement data of the purchased electric power and the operation information of the power distribution line to the service provider, the data receiving device, and a computer for calculating the optimum power distribution system pattern, the computer for calculating the usage rate of the optimum power distribution system pattern and the computer for calculating the profit money obtained by the optimization.

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 669/CAL/2002 A

(22) Date of filing of : 29/11/2002  
application

(54) Title of the Invention : "OCCUPANT RESTRAINT SYTEM WITH SEAT BELT HAVING A NOVEL SASH GUIDE AND ANCHOR PLATE."

<p>(51) International classification : B60R 21/00, B68G 7/12  (30) Priority Data :  (31) Document No.  (32) Date :  (33) Name of convention country :  (66) Filed U/s 5(2) :NIL  (61) Patent of addition to application No. NA  (62) Filed on :NA  (63) Divisional to Application No. :NIL  (64) Filed on :NA</p>	<p>(71) Name of the Applicant : AUTOLIV IFB INDIA PVT LTD., PLOT # IND-5, SECTOR-1, EAST KOLKATA TOWNSHIP, KOLKATA- 700 107, INDIA.  (72) Name of the Inventors :  1. BIJON NAG,  2. SUDARSANAM RANGARAJAN,  3. KALYANASUNDARAM SWAMYNATHAN.</p>
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(57) Abstract : The present invention provides an occupant restraint system comprising a seat belt device having a double layered, embossed sash guide of reduced thickness made up of non-hardened steel and the invention also provides an non-hardened steel anchor plate of reduced thickness with embossed bolt and webbing slots.

**Publication After 18 months.**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. 670/CAL/2002 A

(22) Date of filing of : 29/11/2002  
application

(54) Title of the Invention : "METHOD AND APPARATUS FOR DEHYDRATING WET PIGMENT PASTE."

(51) International classification : B30B 9/14,  
9/16, B01D 29/25, C09C 3/04, C09D 17/00

(30) Priority Data :

(31) Document No. 2002-191190

(32) Date : 28/06/2002

(33) Name of convention country : JAPAN

(66) Filed U/s 5(2) :NIL

(61) Patent of addition to application No. NA

(62) Filed on :NA

(63) Divisional to Application No. :NIL

(64) Filed on :NA

(71) Name of the Applicant : DAINIPPON  
INK AND CHEMICALS, INC., OF 35-58,  
SAKASHITA 3-CHOME, ITABASHI-KU,  
TOKYO, JAPAN AND DIC TECHNOLOGY  
CORPORATION, OF 7-20, NIHONBASHI  
3-CHOME, CHUO-KU, TOKYO, JAPAN.

(72) Name of the Inventors :

1. KASAI MASANORI,
2. MATSUKI TOMOHIRO,
3. NOGUCHI NORIHISA,
4. MIZUGUCHI SATOSHI.

(57) Abstract : A method and an apparatus for dehydrating a wet pigment paste are proposed which are capable of continuous production, and which require neither increase of temperature nor reduction of pressure. The water in the wet pigment paste is separated out by an extruding machine which is provided at its discharge side with a perforated plate (2). An apparatus (A) for dehydrating is used which comprises an extruding machine which separates out water in a wet pigment paste which is held within a barrel (4), the extruding machine being provided at the discharge side of the barrel (4) with a perforated plate (2), and the barrel (4) being arranged at an incline so that it rises towards its discharge side.

**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application No.: 686/MUM/2002 A (22) Date of filing of Application: 01/08/2002

(54) Title of the invention: **SYSTEM AND METHOD FOR DISTRIBUTING SECURE DOCUMENTS**

(51) International classification: H03M 7/00

(30) Priority Data :

(31) Document No.: 09/932,158

(32) Date : 17/08/2001

(33) Name of convention country : U.S.A.

(66) Filed U/s. 5(2) : NO.

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

**THE STANDARD REGISTER  
COMPANY**

Address of the Applicant:

**600 ALBANY STREET, DAYTON,  
OHIO 45408,  
UNITED STATES OF AMERICA**

(72) Name of the Inventors :

**1. DANIEL D. THAXTON**

(57) **Abstract :** The present invention is drawn to system and method for securely distributing secure documents over a network such that an intended recipient can print the secure document data using a home or office desktop printer. The secure document is printed on a specially paper that includes integral therewith, a first authenticating code. The first authenticating code may be derived from any practical identification technology such as RFID. To generate a secure document, an appropriate detector is integrated into a desktop printing platform. The detector reads the first authenticating code from the specially paper, which is communicated to a first transaction processor. The first transaction processor provides a second authenticating code and any other secure document data pertinent to the transaction, which is communicated back to the requestor of the secure document and printed on the specialty paper.

**Figure : NIL**



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 687/MUM/2002 A (22) Date of filing of Application: 02/08/2002

(54) Title of the invention: **FOUR FACE SEFTIC TANK**

<p>(51) International classification: E03B 11/00</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL</p> <p>(66) Filed U/s. 3(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>SUNIL BAGHEL</b></p> <p>Address of the Applicant:</p> <p><b>PARSAHI-BANA AKALTARA, DIST. JANJGIR-CHAMPA, CHHATTISGARH</b></p> <p>(72) Name of the Inventors:</p> <p><b>1. SUNIL BAGHEL</b></p>
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(57) Abstract : फोर फेस सेप्टिक टैंक चार गोल टैंक जो लोहे के छड़ की जाली बनाकर सिमेन्ट, गिट्टी २० एम. एम. साईज की एवम् रेत मिलाकर (१:२:४:) के मसालेसे ढलाई करता है बनाया जाता है। तथा लेब टेस्ट भी कराया जाता है। ये लिकेज एवम् प्रदुषण रहित है। प्रथम टैंक ८ फूट गहरा एवं बाकी ३ टैंक ४ फूट गेहरा बनाया जाता है। अंतिम टैंक को सोखता बनाया जाता है। इसे बनाने के लिये मात्र १० से १४ फूट जगह की गरज होती है। लागत आम सेप्टिक टैंक से बहुत कम आती है। एवम् समय मात्र ४ दिन लगता है। इस टैंक को साफ कराने की जरूरत नहीं लगती है। तथा लिकेज की समस्या लगभग नगन्य होती है।

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application No.: 688/MUM/2002: A (22) Date of filing of Application: 02/08/2002

(54) Title of the Invention: **PROCESS FOR THE PREPARATION OF SALIVA-RAPIDLY-ERODIBLE TABLET**

<p>(51) International classification: A61K 9/10</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>SUN PHARMACEUTICAL INDUSTRIES LTD.</b></p> <p>Address of the Applicant:</p> <p><b>ACME PLAZA, ANDHERI-KURLA ROAD, ANDHERI (E), MUMBAI - 400 059, MAHARASHTRA, INDIA</b></p> <p>(72) Name of the Inventors :</p> <ol style="list-style-type: none"> <li>1. DUDHARA</li> <li>2. KAMLESH MOHANLAL</li> <li>3. TYEJJI</li> <li>4. ZIAUDDIN Z</li> <li>5. NANDE VISHWANATH</li> </ol>
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(57) Abstract : The present invention provides a process for the preparation of saliva-rapidly-erodible tablet, comprising mixing a drug, a binder and water dispersible excipient and converting the mixture to saliva-rapidly-erodible tablet by a conventional wet granulation, dry granulation or direct compression process, wherein said saliva-rapidly-erodible tablet is devoid of effervescent agents or low melting compounds, wherein the erosion of the tablet in the mouth is characterized by rapid uptake of fluid by the tablet whereby the tablet rapidly erodes until complete erosion of the tablet occurs in less than three minutes, wherein the water dispersible excipient comprises a disintegrant a wicking agent, and optionally a filler, and further wherein the process excludes a freeze-drying step and the melt-granulation process.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application No.: 689/MUM/2002 A (22) Date of filing of Application: 02/08/2002

(54) Title of the invention: SALIVA-RAPIDLY ERODIBLE TABLET

(51) International classification: A61J 3/10

(30) Priority Data :

(31) Document No.: NIL

(32) Date : N.A.

(33) Name of convention country : NIL

(66) Filed U/s. 5(2) : YES

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

SUN PHARMACEUTICAL INDUSTRIES LTD.

Address of the Applicant:

ACME PLAZA, ANDHERI-KURLA ROAD,  
ANDHERI (E), MUMBAI - 400 059,  
MAHARASHTRA, INDIA,

(72) Name of the Inventors :

1. DUDHARA
2. KAMLESH MOHANLAL
3. TYEBJI
4. ZIAUDDIN Z
5. NANDE VISHWANATH

(57) Abstract : The present invention provides a saliva-rapidly-erodible tablet made by a conventional wet granulation, dry granulation or direct compression process, said process excluding a freeze-drying step and the melt-granulation process, said tablet being devoid of effervescent agents or low melting compounds wherein the tablet comprises a drug, a binder and water dispersible excipient in an amount such that the erosion of the tablet in the mouth is characterized by rapid uptake of fluid by the tablet whereby the tablet rapidly erodes until complete erosion of the tablet occurs in less than here minutes, and further wherein the water dispersible excipient comprises a disintegrant, a wicking agent and optionally a filler.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application No.: 690/MUM/2002 A	(22) Date of filing of Application: 02/08/2002
(54) Title of the invention: <b>UNIVERSAL COATER/MIXER</b>	
(51) International classification: <b>B01F 5/00</b>	(71) Name of the Applicant:
(30) Priority Data :	<b>KASHINATH SAHADEO DHANAWADE</b>
(31) Document No.: <b>NIL</b>	Address of the Applicant:
(32) Date : <b>N.A.</b>	<b>10, PAREKH INDUSTRIAL ESTATE, NEAR</b>
(33) Name of convention country : <b>NIL</b>	<b>NARANGI PHATA, VIRAR (E), DIST.</b>
(66) Filed U/s. 5(2) : <b>NO</b>	<b>THANE - 401 303, INDIAN NATIONAL</b>
(61) Patent of addition to application No.: <b>NIL</b>	Name of the Inventors :
(62) Filed on : <b>N.A.</b>	(72) <b>1. KASHINATH SAHADEO DHANAWADE</b>
(63) Divisional to Application No.: <b>NIL</b>	
(64) Filed on: <b>N.A.</b>	

(57) Abstract : The conventional mixers suffer from either poor mixing characteristics or from typically long mixing times that are required of them to achieve desired results. The Universal Coater Cum Mixer, as its name implies, is universal with regard to its application in a number of industries and products it can almost perfectly and ideally handle. Universal Coater Cum Mixer employs a combination of 'low rotational speed', 'stationary mixing element', 'inclination of mixer vessel-pan' and 'rotation of vessel-pan' to generate powerful and effective mixing currents within products mix that deliver near-perfect, mixing of two or more ingredients in an extremely short time span of a 1-4 minutes. The resultant benefits derived from employing the Universal Coater Cum Mixer are substantial electrical power saving, elimination of noise and vibration, portability and wide-spectrum food and cosmetic mixing-cum-coating capabilities, thereby justifying its name.

Figure : **NIL**

**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

- (21) Application No.: 691/MUM/2002 A (22) Date of filing of Application: 02/08/2002
- (54) Title of the invention: NOVEL pH DEPENDENT ENTERIC POLYMERIC CONTAINER, AN IMPROVEMENT OVER EXISTING ENTERIC DOSAGE FORMS

(51) International classification: A61K 3/00	(71) Name of the Applicant:
(30) Priority Data :	SCITECH CENTRE
(31) Document No.: NIL	Address of the Applicant:
(32) Date : N.A.	7, PRABHAT NAGAR, JOGESHWARI
(33) Name of convention country : NIL	(WEST), MUMBAI : 400 102,
(66) Filed U/s. 5(2) : NO	MAHARASHTRA, INDIA.
(61) Patent of addition to application No.: NIL	(72) Name of the Inventors :
(62) Filed on : N.A.	1. MEENA PARASHURAMAN
(63) Divisional to Application No.: NIL	
(64) Filed on: N.A.	

(57) Abstract : The present invention relates to a novel pH dependent robust enteric polymeric containers such as hard capsules and a process of manufacturing the same wherein polymeric containers are characterized by having improved elasticity containing right proportion of plasticizers within the capsules shell composition rather than the coating composition.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

- (21) Application No.: 694/MUM/2002 A (22) Date of filing of Application: 05/08/2002
- (54) Title of the invention: **ORAL CONTROLLED RELEASE PHARMACEUTICAL COMPOSITION OF A PROKINETIC AGENT.**

<p>(51) International classification: A61K 9/26</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL</p> <p>(66) Filed U/s. 5(2): YES</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: 731/MUM/2001</p> <p>(64) Filed on: 30/07/2001</p>	<p>(71) Name of the Applicant:</p> <p><b>SUN PHARMACEUTICAL INDUSTRIES LTD.</b></p> <p>Address of the Applicant:</p> <p><b>ACME PLAZA, ANDHERI-KURLA ROAD, ANDHERI (E), MUMBAI - 400 059, MAHARASHTRA, INDIA</b></p> <p>(72) Name of the Inventors :</p> <ol style="list-style-type: none"> <li>1. SHANGHVI DILIP SHANTILAL</li> <li>2. DUDHARA KAMLESH MOHANLAL</li> <li>3. TYEBJI ZIAUDDIN Z</li> <li>4. RAO ASHWIN BHUJANGA</li> </ol>
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(57) Abstract : The present invention provides an oral controlled release dosage form of a prokinetic agent comprising mosapride or its pharmaceutically acceptable salts and release rate controlling pharmaceutically acceptable excipient. The said dosage form is useful for once-a-day therapy in humans and release mosapride in a controlled manner so as to provide control over mosapride plasma levels, such that the ratio of peak plasma levels to plasma levels at 214 hours after administration, and the mean residence time of mosapride, are within a desirable range for the once-a-day therapy. The present invention also provides a process for the preparation of said oral controlled release dosage form.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application No.: 695/MUM/2002 A (22) Date of filing of Application: 05/08/2002

(54) Title of the invention: PHILLITTY INDUCTION FURNACE

<p>(51) International classification: H05B 6/02</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>1. ITTYERAH PHILIP GEORGE</p> <p>Address of the Applicant:</p> <p># 3 KHURSHED HOUSE, 604-D LADY JEHANGIR ROAF, DADAR (E), MUMBAI : 400 014, INDIA.</p> <p>(72) Name of the Inventors :</p> <p>1. ITTYERAH PHILIP GEORGE</p>
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(57) Abstract : The present invention relates to the field of metallurgy, and more particularly to methods to be employed with a specially fabricated Induction Furnace to be utilised in making most grades of alloy and tool steels. The invented Induction Furnace has been called as the phillitty Induction Furnace. The new features are :-

- a) A phillitty Induction Furnace has a two-part induction heating coil, the aid of which will carry into effect the removal impurities like sulphur, phosphorous, deoxidization and refining processes arising in melting steel scrap and other raw materials to obtain metallurgically clean steel. All furnaces in the prior art are not capable of such effects.
- b) With the Phillitty Induction Furnace it is possible to carry out all the processes hitherto possible only in an Electric Arc Furnace.
- c) With the Phillitty Induction Furnace it is possible to carry out all the processes hitherto possible in a Ladle-Furnace only.
- d) Included in the specification is a method of making alloy clean steels in the above phillitty Induction Furnace using the two-slag process.
- e) Included in the specification is a method of lining the above Phillitty Induction Furnace with acid base ramming mass on the bottom and sidewalls upto 200 mm from the top of the furnace or in other words upto slag level. And included in the specification is a method of lining the above phillitty Induction Furnace with neutral Chromite based ramming mass in the slag zone or in other words at the top 200mm of the furnace sidewall to allow for both basic and acidic slags to be made.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application No.: 696/MUM/2002 A (22) Date of filing of Application: 05/08/2002

(54) Title of the invention: **NOVEL MODIFIED RELEASE DOSAGE FORM FOR HIGH SOLUBILITY ANTIDIABETIC ACTIVE INGREDIENT**

(51) International classification: A61K 9/20	(71) Name of the Applicant:
(30) Priority Data :	<b>TORRENT PHARMACEUTICALS LTD.</b>
(31) Document No.: NIL	Address of the Applicant:
(32) Date : N.A.	<b>TORRENT HOUSE, OFF ASHRAM ROAD, NEAR DINESH HALL, AHMEDABAD – 380 009, GUJARAT, INDIA.</b>
(33) Name of convention country : NIL	(72) Name of the Inventors :
(66) Filed U/s. 5(2) : NO.	<b>1. NADKARNI SUNIL SADANAND</b>
(61) Patent of addition to application No.: NIL	
(62) Filed on : N.A.	
(63) Divisional to Application No.: NIL	
(64) Filed on: N.A.	
COGNATE TO : 1) 698/MUM/2002 2) 81/MUM/2003	

(57) Abstract : A novel modified release dosage form comprising of a high solubility antidiabetic active ingredient, which utilizes dual retard technique to effectively reduce the quantity of release controlling agent; a process for preparing the dosage form.

Figure : NIL



**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application No.: 697/MUM/2002 A (22) Date of filing of Application: 05/08/2002

(54) Title of the invention: NOVEL DOSAGE FORM FOR COMBINATION OF ANTIDIABETIC ACTIVE INGREDIENTS

(51) International classification: A61K 9/20	(71) Name of the Applicant:
(30) Priority Data :	TORRENT PHARMACEUTICALS LTD.
(31) Document No.: NIL	Address of the Applicant:
(32) Date : N.A.	TORRENT HOUSE, OFF ASHRAM ROAD, NEAR DINESH HALL, AHMEDABAD – 380 009, GUJARAT, INDIA.
(33) Name of convention country : NIL	(72) Name of the Inventors :
(66) Filed U/s. 5(2) : NO.	1. NADKARNI SUNIL SADANAND
(61) Patent of addition to application No.: NIL	
(62) Filed on : N.A.	
(63) Divisional to Application No.: NIL	
(64) Filed on: N.A.	
COGNATE TO : 1) 699/MUM/2002 2) 80/MUM/2003 3) 82/MUM/2003	

(57) Abstract : A dosage form comprising of a high dose, high solubility active ingredient as modified release and a low dose active ingredient as immediate release where the weight ratio of immediate release active ingredient and modified release active ingredient is from 1:10 to 1:15000 and the weight of modified release active ingredient per unit is from 500 mg to 1500 mg; a process for preparing the dosage form.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 698/MUM/2002 A (22) Date of filing of Application: 05/08/2002

(54) Title of the invention: NEW DRUG DELIVERY SYSTEM

(51) International classification: A61K 9/20	(71) Name of the Applicant:
(30) Priority Data :	TORRENT PHARMACEUTICALS LTD.
(31) Document No.: NIL	Address of the Applicant:
(32) Date : N.A.	TORRENT HOUSE, OFF ASHRAM ROAD,
(33) Name of convention country : NIL	NEAR DINESH HALL,
(66) Filed U/s. 5(2) : NO.	AHMEDABAD – 380 009,
(61) Patent of addition to application No.: NIL	GUJARAT, INDIA.
(62) Filed on : N.A.	(72) Name of the Inventors :
(63) Divisional to Application No.: NIL	1. NADKARNI SUNIL SADANAND
(64) Filed on: N.A.	

(57) Abstract : A novel modified release dosage form comprising of a high solubility active ingredient, which utilizes dual retard technique to effectively reduce the quantity of release controlling agents; a process for preparing the dosage form.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 699/MUM/2002 A (22) Date of filing of Application: 05/08/2002

(54) Title of the invention: NOVEL DOSAGE FORM

<p>(51) International classification: A61K 9/20</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>TORRENT PHARMACEUTICALS LTD.</b></p> <p>Address of the Applicant:</p> <p><b>TORRENT HOUSE, OFF ASHRAM ROAD, NEAR DINESH HALL, AHMEDABAD – 380 009, GUJARAT, INDIA.</b></p> <p>(72) Name of the Inventors :</p> <p><b>1. NADKARNI SUNIL SADANAND</b></p>
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(57) Abstract : A dosage form comprising of a high dose, high solubility active ingredient as modified release and a low dose active ingredient as immediate release where the weight ratio of immediate release active ingredient and modified release active ingredient is equal to or more than 1:20 and the weight of modified release active ingredient per unit is equal to or more than 500 mg; a process for preparing the dosage form.

Figure : NIL

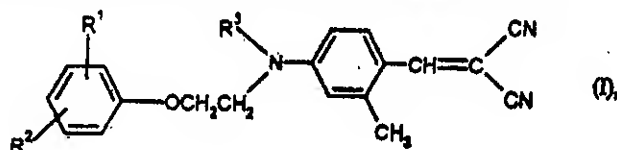
**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

- (21) Application No.: 700/MUM/2002 A (22) Date of filing of Application: 05/08/2002
- (54) Title of the invention: **PREPARATION OF STYRYL DYES**

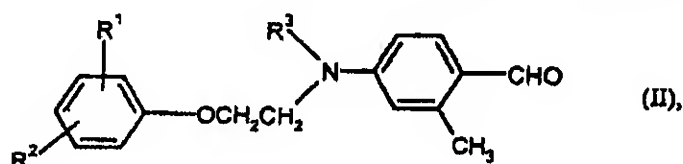
<p>(51) International classification: C09B 1/00</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 10140860.9</p> <p>(32) Date : 21/08/2001</p> <p>(33) Name of convention country : GERMANY</p> <p>(66) Filed U/s. 5(2): NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>BAYER AKTIENGESELLSCHAFT</b></p> <p>Address of the Applicant:</p> <p><b>D-51368, LEVERKUSEN, GERMANY</b> <b>A GERMAN COMPANY</b></p> <p>(72) Name of the Inventors :</p> <p><b>1. JOSEF WALTER STAWITZ</b> <b>2. STEPHAN MICHAELIS</b> <b>3. CHRISTOPH THIEBES</b></p>
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(57) Abstract : Process for preparing compounds of the formula (I)



where

$R^1$ ,  $R^2$  and  $R^3$  are independently hydrogen, alkyl or cycloalkyl, characterized in that an aldehyde of the formula (II)



is reacted with  $\text{CH}_2(\text{CN})_2$  in the presence of butanol

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application No.: 701/MUM/2002 A (22) Date of filing of Application: 05/08/2002

(54) Title of the invention: A DEVICE FOR PURIFYING AND/OR FILTERING WATER COMPRISING OF A MAIN BODY MADE OF FOOD GRADE NON-POROUS ABS, CONTAINING A INNER HOLLOW CARTRIDGE AT THE BOTTOM MADE OF FOOD GRADE NON- POROUS ABS WITHIN IT & ALSO CAPABLE TO INDICATE THE LIFE OF PRODUCT.

<p>(51) International classification: B01D 50/00</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL</p> <p>(66) Filed U/s. 5(2): NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>SURENDRA KRISHANARAO SAWANT</p> <p>Address of the Applicant:</p> <p>1353 E SHAHU NAGAR, KOLHAPUR – 416 008</p> <p>(72) Name of the Inventors :</p> <p>1. SURENDRA KRISHANARAO SAWANT</p>
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(57) Abstract : A device for purifying and/or filtering water comprising of a main body made food grade non-porous ABS, containing a inner hollow cartridge at the bottom made of food grade non-porous ABS within it, wherein silver impregnated resin will be accommodated and will have a nylon mesh at the upper and lower end for the water to flow and a ring made food grade PVC at the side to avoid any leakages (i.e. water going out of the filter without being treated) & also capable to indicate the life of product.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

- (21) Application No.: 702/MUM/2002 A (22) Date of filing of Application: 06/08/2002  
 (54) Title of the invention: BREED-FARM-TRADE GIN

<p>(51) International classification: D01B 1/04</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>THE CENTRAL INSTITUTE FOR RESEARCH ON COTTON TECHNOLOGY</b></p> <p>Address of the Applicant:</p> <p><b>ADENWALA ROAD, MATUNGA, MUMBAI : 400 019, MAHARASHTRA, INDIA</b></p> <p>(72) Name of the Inventors :</p> <p><b>1. PATIL PRASHANT GULABRAO 2. SHUKLA SUJEET KUMAR 3. ARUDE VISHNU GOVIND</b></p>
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(57) Abstract : The BFT Gin mainly consists of a roller (1), fixed knife (2), moving knife (3) assembly, crank-connecting rod mechanism (4 & 15), Grid (10) and pusher (9). The power transmissions from motor to crank and from crankshaft to roller are obtained by means of V-belt and chain, respectively. The roller Gin had unique lint (20) and seed collection systems (18) with lint doffing (21) arrangement. Fixed knife, moving knife and grid are designed in such a way that there is no damage to the seed and lint while ginning. The power to drive the machine is provided by a single-phase 1 hp motor (24). A provision is made to adjust the overlap between fixed knife and moving knife by adjusting the position of fixed knife by means of adjustable bolts (25). A suitable mechanism is also provide to adjust the pressure between the fixed knife and roller, and between fixed knife and moving knife.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application No.: 703/MUM/2002 A (22) Date of filing of Application: 06/08/2002

(54) Title of the invention: FOLDABLE TWO- WHEEL VEHICLE

<p>(51) International classification: B62K 15/00</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 2001-268140</p> <p>(32) Date : 04/09/2001</p> <p>(33) Name of convention country : JAPAN</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>HONDA GIKEN KOGYO KABUSHIKI KAISHA</b></p> <p>Address of the Applicant:</p> <p><b>1-1, MINAMIAOYAMA 2-CHOME, MINATO-KU, TOKYO, JAPAN.</b></p> <p>(72) Name of the Inventors :</p> <p><b>1. MASAYOSHI ORITA</b>  <b>2. SEIICHI KUROHORI</b>  <b>3. HIROMI FURUHASHI</b></p>
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(57) Abstract : A seat 13 capable of opening and closing an opening portion of a storage net is disposed at an upper portion of the storage net, a stopper release lever for opening and closing the seat 13 is provided at a front portion of the seat 13, a handle post 23 and a handle 17 are disposed on the front side of the stopper release lever so as to be foldable to the rear side, and the handle post 23 is provided with a main switch for locking in a folded condition, whereby the handle post 23 and the handle 17 folded to cover a front portion of the stopper release lever are locked with the main switch to thereby make the stopper release lever unoperable.

When the front portion of the seat is covered with the handle means, the seat cannot be opened or closed, prevention of mischief upon the storage net under the seat can be contrived, the two-wheel vehicle can be made compact, and, since the wheels are not locked, the two-wheel vehicle can be moved and transported.

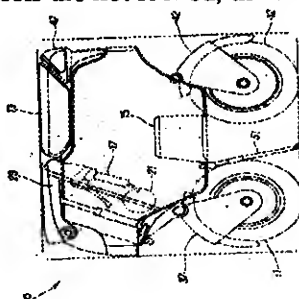


Figure : 4

**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application No.: 704/MUM/2002 A (22) Date of filing of Application: 06/08/2002

(54) Title of the invention: STAND STRUCTURE FOR FOLDABLE VEHICLE

<p>(51) International classification: B62K 15/00</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 2001-314563</p> <p>(32) Date : 04/09/2001</p> <p>(33) Name of convention country : JAPAN</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>HONDA GIKEN KOGYO KABUSHIKI KAISHA</b></p> <p>Address of the Applicant:</p> <p><b>1-1, MINAMIAOYAMA 2-CHOME, MINATO-KU, TOKYO, JAPAN.</b></p> <p>(72) Name of the Inventors :</p> <p><b>1. MASAYOSHI ORITA</b>  <b>2. SEIICHI KUROHORI</b>  <b>3. HIROMI FURUHASHI</b></p>
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(57) Abstract : In a stand structure for foldable vehicle using a stand 51 respectively before and after folding a part of a two-wheel vehicle, a shaft 511 of the stand 51 is provided with a ratchet mechanism 503, and the stand 51 can be held at a predetermined position between a stand storing position and a stand projecting position.

In a vehicle whose vehicle height is largely changed such as the foldable vehicle, the stand can be used by changing the stand height before and after the folding, so that usability can be enhanced.

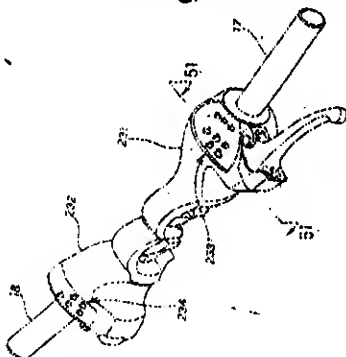


Figure : 49



**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application No.: 705/MUM/2002 A (22) Date of filing of Application: 06/08/2002

(54) Title of the invention: **A PROCESS FOR THE MODIFICATION OF THE ROSIN MODIFIED PHENOLIC RESINS WITH ISOCYANATES USEFUL AS THE REINFORCING AGENTS FOR RUBBERS**

<p>(51) International classification: C07C 39/00</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <ol style="list-style-type: none"> <li>1. DR. GHATGE NANASAHEB DATTAJIRAO</li> <li>2. GHATGE SHIVRAJ NANASAHEB</li> <li>3. DR. KADAM SHIVAJIRAO SHRIPAI</li> <li>4. DR. SHINDE BABANRAO MAHADEO</li> </ol> <p>Address of the Applicant:</p> <ol style="list-style-type: none"> <li>1. INDIAN ADHESIVES &amp; GLUES, SPECIALITY CHEMICALS DIVISION, 7, VISHRAMBAG CO-OP. HSG. SOC., SENAPATI BAPAT ROAD, PUNE - 411 016, INDIA, INDIAN</li> <li>2. BHARATI VIDYAPEETH'S, POONA COLLEGE OF PHARMACY, PUNE 411 0138, INDIA, INDIAN</li> <li>3. DIVISION OF POLYMER CHEMISTRY, NATIONL CHEMICAL LABORATORY, PUNE 411 008, INDIA, INDIAN.</li> </ol> <p>(72) Name of the Inventors :</p> <ol style="list-style-type: none"> <li>1. DR. GHATGE NANASAHEB DATTAJIRAO</li> <li>2. GHATGE SHIVRAJ NANASAHEB</li> <li>3. DR. KADAM SHIVAJIRAO SHRIPAI</li> <li>4. DR. SHINDE BABANRAO MAHADEO</li> </ol>
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(57) Abstract : The present investigation relate to the preparation of phenolic dialcohols from the reaction of phenol (substituted/ unsubstituted) with formaldehyde in the presence of basic catalysts. The phenols utilized in present study were cardanol, m-cresol and phenol. Isocyanates particularly monoisocyanates: Butyl isocyanate (Bu-NCO) Phenyl isocyanate (Ph-NCO) and diisocyanates: tolylene diisocyanate (TDI), 4,4-methane diphenyl diisocyanate diisocyanate (MDI), hexamethylene diisocyanate (HDI) and isophorone diisocyanate (IPDI) were used in the present study. The basic catalysts used include sodium/ potassium carbonate, sodium/potassium/ barium hydroxides, etc.

The phenolic dialcohols, thus obtained were utilized for the synthesis of rosin modified phenolic resins. These resins were then reacted with mono or diisocyanates to produce modified rosin resins for the reinforcement of natural and synthetic rubbers.

Figure : NIL

**Publication After 18 months**

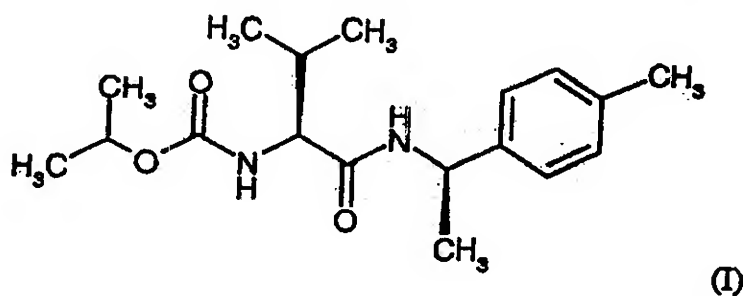
The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) **Application No.:** 706/MUM/2002 A (22) **Date of filing of Application:** 07/08/2002

(54) **Title of the invention:** FUNGICIDAL ACTIVE COMPOUND COMBINATIONS.

(51) <b>International classification:</b> A01N 47/10	(71) <b>Name of the Applicant:</b>
(30) <b>Priority Data :</b>	<b>BAYER AKTIENGESELLSCHAFT</b>
(31) <b>Document No.:</b> 10141617.2	<b>Address of the Applicant:</b>
(32) <b>Date :</b> 24/08/2001	<b>D-51368, LEVERKUSEN, GERMANY</b>
(33) <b>Name of convention country :</b> GERMANY	<b>A GERMAN COMPANY</b>
(66) <b>Filed U/s. 5(2) :</b> YES.	(72) <b>Name of the Inventors :</b>
(61) <b>Patent of addition to application No.:</b> NIL	<b>1. ULRIKE WACHENDORFF-NEUMANN</b>
(62) <b>Filed on :</b> N.A.	<b>2. THOMAS SEITZ</b>
(63) <b>Divisional to Application No.:</b> NIL	<b>3. ULRICH HEINEMANN</b>
(64) <b>Filed on:</b> N.A.	<b>4. HERBERT GAYER</b>

(57) **Abstract :** Novel active compound combination comprising valinamide derivatives of the formula (I)



with known fungicidally active compounds and their use for controlling phytopathogenic funghi are described.

**Figure :** NIL

**Publication After 18 months**

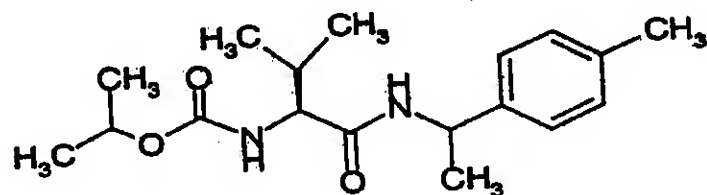
The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 707/MUM/2002 A (22) Date of filing of Application: 07/08/2002

(54) Title of the invention: FUNGICIDAL ACTIVE COMPOUND COMBINATIONS.

(51) International classification: A01N 47/10	(71) Name of the Applicant:
(30) Priority Data :	BAYER AKTIENGESELLSCHAFT
(31) Document No.: 10141618.0	Address of the Applicant:
(32) Date : 24/08/2001	D-51368, LEVERKUSEN, GERMANY
(33) Name of convention country : GERMANY	A GERMAN COMPANY
(66) Filed U/s. 5(2) : YES.	(72) Name of the Inventors :
(61) Patent of addition to application No.: NIL	1. ULRIKE WACHENDORFF-NEUMANN
(62) Filed on : N.A.	2. THOMAS SEITZ
(63) Divisional to Application No.: NIL	
(64) Filed on: N.A.	

(57) Abstract : The Novel active compound combination of a valinamide derivative of the formula



and the active compound groups (1) to (27) listed in the description have very good fungicidal properties.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

- (21) Application No.: 708/MUM/2002 A (22) Date of filing of Application: 07/08/2002  
(54) Title of the invention: DOMESTIC GAS CYLINDER CONTENTS INDICATOR (DGCCI)

<p>(51) International classification: G06F 15/24</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>NEELAM KADYAN</p> <p>Address of the Applicant:</p> <p>17, GANGOTRI BUILDING, NEAR AFGAN CHURCH, COLABA, MUMBAI : 400 005, MAHARASHTRA, INDIA.</p> <p>(72) Name of the Inventors :</p> <p>1. NEELAM KADYAN</p>
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(57) Abstract : The Domestic Gas Cylinder Contents Indicator or DGCCI in short is a useful invention that gives a visual indication of the approximate contents of the domestic Cooking Gas cylinder used at home or elsewhere. The cylinder is placed on the DGCCI during use. A weight sensing mechanism senses the weight of the cylinder, which is proportional to the contents of the cylinder. An indicator moves up and down depending upon amount of gas in the cylinder. An indicator bar adjacent to the indicator is used to read off the approximate contents of the Cylinder.

Figure : NIL

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 709/MUM/2002 A (22) Date of filing of Application: 07/08/2002

(54) Title of the invention: FILTER DEVICE

(51) International classification: C02F 1/42

(30) Priority Data :

(31) Document No.: NIL

(32) Date : N.A.

(33) Name of convention country : NIL

(66) Filed U/s. 5(2): NO.

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

**HINDUSTAN LEVER LIMITED**

Address of the Applicant:

**HINDUSTAN LEVER HOUSE,  
165/166, BACKBAY RECLAMATION,  
MUMBAI: 400 020, MAHARASHTRA,  
INDIA.**

(72) Name of the Inventors :

1. MISTRY MAHENDRAKUMAR  
MAGANLAL
2. RAVI KUMAR DHULIPALA
3. MUKHERJEE NIKHILESHWAR

(57) Abstract : The present invention relates to filter cartridge for use in gravity-fed water filtration systems. The invention solves the problem of entrapped air in the filter media which has been encountered in prior art filter cartridges. The hollow passage in the construction according to the invention provides for a gravity flow of water into the cartridge which avoids any filter media immediately at the entrance of the water into the cartridge. This facilitates effective free downward flow of the water to be filtered in the cartridge without any pressure drop.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application No.: 710/MUM/2002 A (22) Date of filing of Application: 07/08/2002

(54) Title of the invention: A NOVELL METHOD OF CURRENCY NOTES HANDLING

<p>(51) International classification: G07D 9/00</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL</p> <p>(66) Filed U/s. 5(2): NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>1. HITENDRA GHELABHAI DESAI</p> <p>Address of the Applicant:</p> <p>3/9, YAGNIK NAGAR, JAI BHAVANI ROAD, AMBOLI, ANDHERI -WEST, MUMBAI : 400 058, MAHARASHTRA, INDIA.</p> <p>(72) Name of the Inventors :</p> <p>1. HITENDRA GHELABHAI DESAI</p>
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(57) Abstract : A novel method of currency notes handling, where in the currency notes to be bundled are simultaneously verified against the suspect counterfeit & counted with the help of the automatic currency notes counting cum counterfeit verification machine. Once the currency notes are verified as to the genuineness against suspect counterfeit with the help of ultra violet lights & counted in the appropriate counts are tagged with bank identification and bound by a rubber band. Further, the currency notes so tagged & bound are put in a specially manufactured plastic bag made from material like polyvinyl chloride (PVC) &/or polyvinylidene chloride (PVDC). This bag is then sealed with the help of the sealing cum stamping machine from the open end of the plastic bag and the plastic film used for making the plastic bag shrinks from all the sides without affecting the bundle of currency notes placed inside the plastic bag. After this the said bag is manually removed and placed in the stamp slot, which is within the automatic sealing cum stamping machine for affixing the bank seal/ stamp & the date of bundling. The above method of currency notes handling is cost effective, avoids the stapling of the currency bundles & hence avoids wear & tear of the same, makes the carrying the currency notes easy and guarantees more authenticity while transacting the currency bundles.

Figure : NIL

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No.: 711/MUM/2002 A (22) Date of filing of Application: 08/08/2002
- (54) Title of the invention: MOUNTING STRUCTURE FOR MOUNTING FOLDBLE TWO-WHEEL VEHICLE ON FOUR-WHEEL VEHICLE

(51) International classification: B62K 15/00	(71) Name of the Applicant:
(30) Priority Data :	HONDA GIKEN KOGYO KABUSHIKI KAISHA
(31) Document No.: 2001-267854	Address of the Applicant:
(32) Date : 04/09/2001	1-1, MINAMIAOYAMA 2-CHOME,
(33) Name of convention country : JAPAN	MINATO-KU, TOKYO, JAPAN.
(66) Filed U/s. 5(2): NO.	(72) Name of the Inventors :
(61) Patent of addition to application No.: NIL	1. SEIICHI KUROHORI
(62) Filed on : N.A.	2. HIROMI FURUHASHI
(63) Divisional to Application No.: NIL	3. MASAYOSHI ORITA
(64) Filed on: N.A.	4. TSUTOMU HARANO

(57) Abstract : A two-wheel vehicle 10 foldable to have a width equivalent to the width of a number plate 14 can be contained in a door 72, side walls 73, 74 or a rear wall 75 of a four-wheel vehicle 70. Since handles and steps can be folded so that the vehicle width of the two-wheel vehicle becomes equivalent to the width of the license number plate, the containing space at the time of mounting the two-wheel vehicle on the four-wheel vehicle can be made to be small, vehicle compartment space of the four-wheel vehicle can be sufficiently secured, and the operation of mounting the two-wheel vehicle onto the four-wheel vehicle can be easily carried out.

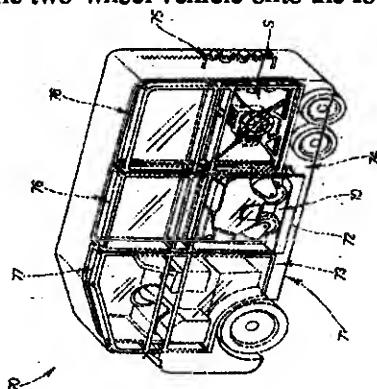


Figure : 4

**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

- (21) Application No.: 712/MUM/2002 A (22) Date of filing of Application: 08/08/2002
- (54) Title of the invention: **TWO-WHEELED VEHICLE-LOADABLE VEHICLE AND METHOD OF LOADING TWO-WHEELED VEHICLE ONTO VEHICLE.**

<p>(51) International classification: B60K 15/00</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 2001-266553 &amp; 2001-304451</p> <p>(32) Date : 03/09/2001 &amp; 28/09/2001</p> <p>(33) Name of convention country : JAPAN</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>HONDA GIKEN KOGYO KABUSHIKI KAISHA</b></p> <p>Address of the Applicant:</p> <p><b>1-1, MINAMIAOYAMA 2-CHOME, MINATO-KU, TOKYO, JAPAN.</b></p> <p>(72) Name of the Inventors :</p> <ol style="list-style-type: none"> <li>1. YOSHIYUKI HORII</li> <li>2. YOKINORI KURAKAWA</li> <li>3. SATOSHI KAZAMA</li> <li>4. HIDETOSHI KABA YAMA</li> <li>5. DAI HIGASHIDA</li> <li>6. TOMOHIRO KOMORI</li> <li>7. SHOJI YAMAMOTO</li> </ol>
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(57) Abstract : To provide a method of loading a two-wheeled vehicle onto a vehicle by which the occupation of trunk space can be minimized without relying upon folding of the two-wheeled vehicle.

When a seat post of a two-wheeled vehicle loaded rearwardly of a rearmost seat 5 of a four-wheeled vehicle is pulled up forwardly around a predetermined shaft 207 of pivotal motion, a seat 203 of the two wheeled vehicle functions as a back rest of a seat of the four-wheeled vehicle and a seat back 204 of the two-wheeled vehicle function as a head rest of the seat of the four-wheeled vehicle.

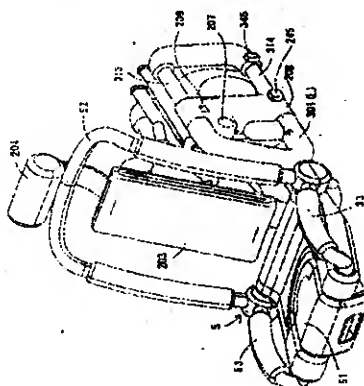


Figure : 11



**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application No.: 713/MUM/2002 A (22) Date of filing of Application: 08/08/2002

(54) Title of the invention: **PROCESS FOR HOT GALVANIZING STEEL STRIP**

(51) International classification: C23C 2/02	(71) Name of the Applicant:
(30) Priority Data :	STEIN-HEURTEY
(31) Document No.: 01 10957	Address of the Applicant:
(32) Date : 21/08/2001	Z.A.I. DU BOIS DE 1' EPINE, 91130 RIS-ORANGIS, FRANCE
(33) Name of convention country : FRANCE	
(66) Filed U/s. 5(2) : NO.	(72) Name of the Inventors :
(61) Patent of addition to application No.: NIL	1. DIDIER DELAUNAY
(62) Filed on : N.A.	2. FRANCOIS MIGNARD
(63) Divisional to Application No.: NIL	
(64) Filed on: N.A.	

(57) Abstract : Process for the continuous thermochemical treatment of metal strip, especially steel strip, of the oxidation-reduction type, in which the strip moves through a furnace in a protective atmosphere, characterized in that the said strip passes through at least one partial or total isolation device positioned within at least one section of the furnace, or between two sections, the strip being heated in this isolation device in atmosphere having a dew point tailored to each strip according to the specific composition of the steel, so that the atmosphere is oxidizing in the case of certain addition elements, but remains reducing in the case of iron.

Figure : NIL

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No.: 714/MUM/2002 A (22) Date of filing of Application: 08/08/2002
- (54) Title of the invention: **POWDER COATING MATERIAL AND FUNCTIONAL COATINGS FOR HIGH LONG-TERM SERVICE TEMPERATURES.**

(51) International classification: C09D 163/00	(71) Name of the Applicant:
(30) Priority Data :	BASF COATINGS AG.
(31) Document No.: 101 52 829.9	Address of the Applicant:
(32) Date : 25/10/2001	GLASURITSTR. 1, 48165 MUNSTER,
(33) Name of convention country : GERMANY	FEDERAL REPUBLIC OF GERMANY
(66) Filed U/s. 5(2) : NO.	(72) Name of the Inventors :
(61) Patent of addition to application No.: NIL	1. CHRISTOPHER HILGER
(62) Filed on : N.A.	2. DIETMAR THOMAS
(63) Divisional to Application No.: NIL	3. WERNER BLOMER
(64) Filed on: N.A.	

(57) Abstract : A powder coating material comprising, based on the coating material,

- (A) from 40 to 65% by weight of at least one solid epoxy resin which is polyfunctional in respect of thermal crosslinking by way of the epoxide groups and has an epoxide equivalent weight of from 380 to 420 g/equ., an ICI melt viscosity at 150° C of from 2800 to 5000 mPas, and a softening point of from 95 to 105° C,
- (B) from 15 to 35% by weight of at least one solid, linear epoxy resin based on bisphenol A, AD and /or F having a functionality in respect of thermal crosslinking by way of the epoxide groups of not more than 2,
- (C) from 15 to 30% by weight of an inorganic filler and
- (D) from 1 to 10% by weight of at least one hardener;

and its use for producing functional coating for substrate for high long-term service temperatures.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) **Application No.:** 715/MUM/2002 A (22) **Date of filing of Application:** 08/08/2002

(54) **Title of the invention:** AN IMPROVED WATER AND ENERGY SAVING ROOM COOLER

<p>(51) <b>International classification:</b> F25D 1/02</p> <p>(30) <b>Priority Data :</b></p> <p>(31) <b>Document No.:</b> NIL</p> <p>(32) <b>Date :</b> N.A.</p> <p>(33) <b>Name of convention country :</b> NIL</p> <p>(66) <b>Filed U/s. 5(2) :</b> NO.</p> <p>(61) <b>Patent of addition to application No.:</b> NIL</p> <p>(62) <b>Filed on :</b> N.A.</p> <p>(63) <b>Divisional to Application No.:</b> NIL</p> <p>(64) <b>Filed on:</b> N.A.</p>	<p>(71) <b>Name of the Applicant:</b></p> <ol style="list-style-type: none"> <li>1. VARGHESE SAJI KURUNGATIL</li> <li>2. LINSU THOMAS</li> <li>3. VARGHESE JAJI KURUNGATIL</li> <li>4. SAHU CHETAN RAMLAL</li> </ol> <p><b>Address of the Applicant:</b></p> <p>JAWAHAR COLONY, P.O. PULGAON. DISTT. WARDHA, MAHARASHTRA 442 302, INDIA.</p> <p>(72) <b>Name of the Inventors :</b></p> <ol style="list-style-type: none"> <li>1. VARGHESE SAJI KURUNGATIL</li> <li>2. LINSU THOMAS</li> <li>3. VARGHESE JAJI KURUNGATIL</li> <li>4. SAHU CHETAN RAMLAL</li> </ol>
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(57) **Abstract :** This room cooler makes use of water holders (in the form of tubes or in any other geometry) made of canvas cloth. These water holders are arranged in such a manner that the incoming hot air passes through this arrangement of canvas water holders, coming in contact with their wet surfaces, thus, cooling the hot air by the phenomenon of sensible cooling. This cool air is then blown into the room by the exhaust or semi-exhaust fan. A header tank supplies water to these water holders.

**Figure :** NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) **Application No.:** 716/MUM/2002 A      (22) **Date of filing of Application:** 08/08/2002
- (54) **Title of the invention:** APPARATUS FOR AUTONOMOUS DETERMINATION OF THE POINTS IN IMAGERY

<p>(51) <b>International classification:</b> G06K 9/00</p> <p>(30) <b>Priority Data :</b></p> <p>(31) <b>Document No.:</b> NIL</p> <p>(32) <b>Date :</b> N.A.</p> <p>(33) <b>Name of convention country :</b> NIL</p> <p>(66) <b>Filed U/s. 5(2) :</b> NO.</p> <p>(61) <b>Patent of addition to application No.:</b> NIL</p> <p>(62) <b>Filed on :</b> N.A.</p> <p>(63) <b>Divisional to Application No.:</b> NIL</p> <p>(64) <b>Filed on:</b> N.A.</p>	<p>(71) <b>Name of the Applicant:</b></p> <p><b>RAYTHEON COMPANY</b></p> <p><b>Address of the Applicant:</b></p> <p><b>141, SPRING STREET, LEXINGTON, MASSACHUSETTS, 02421, U.S.A.</b></p> <p>(72) <b>Name of the Inventors :</b></p> <p><b>1. MORT L. HAVEY</b></p> <p><b>2. WILLIAM ROBERT HITCH</b></p>
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(57) **Abstract :** Apparatus for selecting tie point locations within a series of overlapping images is activated by a computer program according to which, initially, a series of images are ordered to maximize the potential for successful phase correlations between adjacent images. Adjacent pairs in the ordered images are then phase correlated to determine the translational offsets between adjacent pairs. The overlapping regions in adjacent pairs are assessed for normalized cross correlation and initial candidate tie points are selected within the regions at a reduced resolution. The initially selected tie points are then phase correlated at full resolution and any surviving candidate tie point locations are further refined to sub-pixel accuracy.

**Figure :** NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No.: 717/MUM/2002 A (22) Date of filing of Application: 09/08/2002

- (54) Title of the invention: **PROCESS FOR PREPARING MULTIPLE-UNIT TABLET FORMULATION BY COMPACTION OF CONTROLLED-RELEASE SPHEROIDS OF DRUG SUBSTANCES.**

<p>(51) International classification: A01N 43/04</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <ol style="list-style-type: none"> <li>1. DILIPKUMAR SANGHI</li> <li>2. SUNIL BEHARILAL JAISWAL</li> <li>3. SHAMSUDDIN JAMALUDDIN</li> <li>4. SIDDHESWAR BALKRISHNA JOSHI</li> </ol> <p>Address of the Applicant:</p> <ol style="list-style-type: none"> <li>1. AGRASEN GATE, GONDIA- 441 601, MAHARASHTRA STATE, INDIA.</li> <li>2. 3-4, PANCH WATIKA, CHITNAVIS LAYOUT, BYRAMJI TOWN, NAGPUR- 440 013, MAHARASHTRA STATE, INDIA</li> <li>3. BUILDING OF HAMEED PAHALWAN, SAIFEE NAGAR, NAGPUR- 440 018, MAHARASHTRA STATE, INDIA</li> <li>4. SANJEEVAN HOSPITAL, 229-A, HILL ROAD, SHIVAJI NAGAR, NAGPUR-440 010, MAHARASHTRA STATE, INDIA.</li> </ol> <p>(72) Name of the Inventors :</p> <ol style="list-style-type: none"> <li>1. DILIPKUMAR SANGHI</li> <li>2. SUNIL BEHARILAL JAISWAL</li> <li>3. SHAMSUDDIN JAMALUDDIN</li> <li>4. SIDDHESWAR BALKRISHNA JOSHI</li> </ol>
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(57) **Abstract :** The present invention provides a method for preparing multiple-unit tablets by compaction of controlled-release spheroids of drug substances. The multiple unit tablets, in addition to drugs for controlled release, also contains one or more drugs for immediate-release and the formulation is so designed that after disintegration of the dosage form in the dissolution medium or gastrointestinal milieu, the release characteristic of both the controlled release drug component as well as the immediate-release drug component remain essentially unaltered. The invention provides methods for preparing controlled-release spheroids of drug substances wherein the drug release is controlled by presenting the drug in a matrix of hydrophilic gums which is followed on the outside by a final layer of protective water soluble or dispersible film coating such that the resulting controlled-release spheroids of active substances when compacted along with cushioning excipients, one or more other drug(s) for immediate release and other excipients, the tablets so formed have sufficient mechanical strength and when these multiple-unit tablets come in contact with aqueous vehicles, they disintegrate readily to release controlled-release drug spheroids which have substantially maintained their integrity and their release retarding properties. The multiple unit tablets prepared by compaction of controlled-release drug spheroids are finally given a protective film coating.

Figure : NIL

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 718/MUM/2002 A (22) Date of filing of Application: 09/08/2002

(54) Title of the invention: **MODIFIED SUPPORTED METATHESIS CATALYSTS**

(51) International classification: B01J 3/36	(71) Name of the Applicant: <b>HAARMANN &amp; REIMER GMBH</b>
(30) Priority Data :	Address of the Applicant: <b>MUHLENFELDSTR, 1, 37603 HOLZMINDEN, GERMANY</b>
(31) Document No.: 10142035.8	
(32) Date : 28/08/2001	
(33) Name of convention country : GERMANY	
(66) Filled U/s. 5(2) : NO.	(72) Name of the Inventors :
(61) Patent of addition to application No.: NIL	1. INGO WOHRLE
(62) Filled on : N.A.	2. AURELIA RECKZIEGEL
(63) Divisional to Application No.: NIL	3. PETER ESSER
(64) Filled on: N.A.	4. MARTIN STURMANN

(57) Abstract : The invention relates to modified supported catalysts based on  $\text{Re}_2\text{O}_7 / \gamma\text{-Al}_2\text{O}_3$  for use in the preparation of cycloalkadienes in a metathesis reaction, a process for preparing cycloalkadienes in the presence of these supported catalysts and the use of the resulting cycloalkadienes for the preparation of fragrances.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 719/MUM/2002 A (22) Date of filing of Application: 09/08/2002

(54) Title of the invention: METATHESIS CATALYSTS

(51) International classification: C07C 6/00	(71) Name of the Applicant:
(30) Priority Data :	HAARMANN & REIMER GMBH
(31) Document No.: 10142033.1	Address of the Applicant:
(32) Date : 28/08/2001	MUHLENFELDSTR, 1, 37603
(33) Name of convention country : GERMANY	HOLZMINDEN, GERMANY
(66) Filed U/s. 5(2) : NO.	(72) Name of the Inventors :
(61) Patent of addition to application No.: NIL	1. INGO WOHRLE
(62) Filed on : N.A.	2. PETER ESSER
(63) Divisional to Application No.: NIL	3. AURELIA RECKZIEGEL
(64) Filed on: N.A.	4. MATTHIAS BRANDT
	5. STEPHAN KLEIN
	6. THOMAS TUREK

(57) Abstract : The present invention relates to supported catalysts based on  $R_2O_7$  /  $-Al_2O_3$  for use in the preparation of cycloalkadienes in a metathesis reaction, a process for preparing cycloalkadienes in the presence of these supported catalysts and also the use of the resulting cycloalkadienes for preparing fragrances.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application No.: 720/MUM/2002 A (22) Date of filing of Application: 09/08/2002

(54) Title of the invention: TWO-STAGE PRESSURE LIMITING VALVE

(51) International classification: F02M 037/04	(71) Name of the Applicant:
(30) Priority Data :	STANADYNE CORPORATION
(31) Document No.: 10/034,917	Address of the Applicant:
(32) Date : 20/12/2001	92, DEERFIELD ROAD, WINDSOR, CONNECTICUT 06095, UNITED STATES OF AMERICA.
(33) Name of convention country : USA	(72) Name of the Inventors :
(66) Filed U/s. 5(2) : NO.	1. ILIJA DJORDJEVIC
(61) Patent of addition to application No.: NIL	
(62) Filed on : N.A.	
(63) Divisional to Application No.: NIL	
(64) Filed on: N.A.	

(57) Abstract : A two stage pressure limiting valve comprises a valve member arranged for axial movement in a bore. The valve member is biased to close a side spill port and valve opening communicating with a source of high pressure. Pressure at the valve member/valve seat interface in excess of a threshold value forces the valve member away from the seat whereby a pressure relief volume of fluid is permitted to flow through the valve member itself. Sustained high pressure forces the valve member further away from the valve seat to open a side spill port and establish a larger diversion of fluid at a stable lower pressure level.

Figure : NIL



**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application No.: 721/MUM/2002 A (22) Date of filing of Application: 09/08/2002

(54) Title of the invention: PROCESS FOR PREPARING CYCLOALKADIENES

(51) International classification: C07C 6/00	(71) Name of the Applicant:
(30) Priority Data :	HAARMANN & REIMER GMBH
(31) Document No.: 10142032.3	Address of the Applicant:
(32) Date : 28/08/2001	MUHLENFELDSTR, 1, 37603
(33) Name of convention country : GERMANY	HOLZMINDEN, GERMANY
(66) Filed U/s. 5(2) : NO.	(72) Name of the Inventors :
(61) Patent of addition to application No.: NIL	1. INGO WOHRLE
(62) Filed on : N.A.	2. PETER ESSER
(63) Divisional to Application No.: NIL	3. AURELIA RECKZIEGEL
(64) Filed on: N.A.	4. MATTHIAS BRANDT
	5. STEPHAN KLEIN
	6. THOMAS TUREK

(57) Abstract : The invention relates to a process for preparing cycloalkadienes using supported catalysts based on  $\text{Re}_2\text{O}_7/\gamma\text{-Al}_2\text{O}_3$  and also to the use of the resulting cycloalkadienes for the preparation of fragrances.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application No.: 722/MUM/2002 A (22) Date of filing of Application: 09/08/2002

(54) Title of the invention: **VEHICLE WITH SOLAR CELL**

(51) International classification: B62K 9/00

(30) Priority Data :

(31) Document No.: 2001-291299

(32) Date : 25/09/2001

(33) Name of convention country : JAPAN

(66) Filed U/s. 5(2) : NO.

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

**HONDA GIKEN KOGYO KABUSHIKI KAISHA**

Address of the Applicant:

**1-1, MINAMIAOYAMA 2-CHOME,  
MINATO-KU, TOKYO, JAPAN.**

(72) Name of the Inventors :

1. **TOSHIYUKI CHO**
2. **YOSHIO NAKAGOMI**

(57) Abstract : To store a solar cell panel, which is mounted on a motor-assisted vehicle in a roughly horizontal posture, in a luggage basket so that the solar cell panel is not scratched or stained at non-use time.

A solar cell panel 8 is supported on a front basket 7 in a horizontal posture, to receive light. In the cases of night or raining when sunlight is not received, the panel 8 is stored in the basket 7.

Particularly, the panel 8 is supported by a pivot shaft 26 near a rear wall of the basket 7 so that it can be swiveled relative to the basket 7. Side surfaces of the basket 7 are provided with guide holes 7 for guiding the panel 8 through the pivot shaft 26 at the time of storing. The pivot shaft 26 is guided by the guide holes 27, and the panel 8 is stored in the basket 7 with the pivot shaft 26 on the lower side.

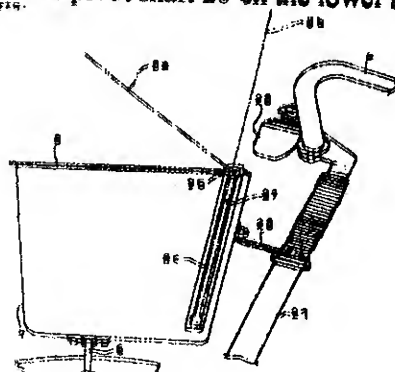


Figure : 1

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

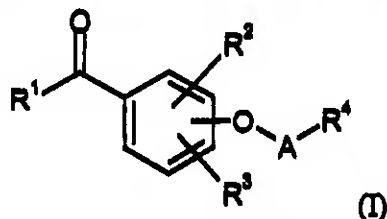
(21) Application No.: 724/MUM/2002 A (22) Date of filing of Application: 12/08/2002

(54) Title of the invention: HERBICIDES BASED ON SUBSTITUTED ARYL KETONES

<p>(51) International classification: A01N 35/06</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 101 42 334.9</p> <p>(32) Date : 30/08/2001</p> <p>(33) Name of convention country : GERMANY</p> <p>(66) Filed U/s. 5(2) : YES</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>BAYER AKTIENGESELLSCHAFT</b></p> <p>Address of the Applicant:</p> <p><b>D-51368, LEVERKUSEN, GERMANY</b> <b>A GERMAN COMPANY</b></p> <p>(72) Name of the Inventors :</p> <ol style="list-style-type: none"> <li>1. DIETER FEUCHT</li> <li>2. PETER DAHMEN</li> <li>3. MARK WILHELM DREWES</li> <li>4. ROLF PONTZEN</li> <li>5. DOROTHEE HOISCHEN</li> <li>6. KLAUS-HELMUT MULLER</li> <li>7. HANS-GEORG SCHWARZ</li> <li>8. STEFAN HERRMANN</li> <li>9. KRISTIAN KATHER</li> <li>10. OTTO SCHALLNER</li> <li>11. TOSHIO GOTO</li> <li>12. SHINICHI SHIRAKURA</li> </ol>
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(57) Abstract : The application relates to compositions comprising

a) at least one of the compounds of the formula (I)



In which A, R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup> and R<sup>4</sup> have the meaning given in the description and

b) known herbicides, as stated in the description, and/or

c) known safeners, as stated in the description,

and to their use for controlling undesirable vegetation.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

- (21) Application No.: 725/MUM/2002 A (22) Date of filing of Application: 12/08/2002
- (54) Title of the invention: **SELECTIVE HERBICIDES COMPRISING A TETRAZOLINONE DERIVATIVE**

<p>(51) International classification: C07D 257/04</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 101 42 336.5</p> <p>(32) Date : 30/08/2001</p> <p>(33) Name of convention country : <b>GERMANY</b></p> <p>(66) Filed U/s. 5(2) : YES</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>BAYER AKTIENGESELLSCHAFT</b></p> <p>Address of the Applicant:</p> <p><b>D-51368, LEVERKUSEN, GERMANY</b> <b>A GERMAN COMPANY</b></p> <p>(72) Name of the Inventors :</p> <ol style="list-style-type: none"><li><b>1. HELMUT FURSCH</b></li><li><b>2. DIETER FEUCHT</b></li><li><b>3. THOMAS KONIG</b></li><li><b>4. HARTWIG DAUCK</b></li><li><b>5. FELICITOS V. PALIS</b></li><li><b>6. RUPERTO P. BASILIO</b></li></ol>
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(57) Abstract : The invention relates to novel herbicidal synergistic active compound combination comprising a known tetrazolinone derivative and known herbicidally active compounds and/or safeners, which compositions can be used with particularly good results for the selective control of weeds in various crops of useful plants.

Figure : NIL

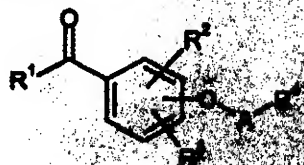
**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application No.: 726/MUM/2002 A	(22) Date of filing of Application: 12/08/2002
(54) Title of the Invention: HERBICIDAL MIXTURES BASED ON SUBSTITUTED ARYL KETONES	
(51) International classification: A01N 035/06	(71) Name of the Applicant:
(30) Priority Data :	BAYER AKTIENGESELLSCHAFT
(31) Document No.: 101 42 333.0	Address of the Applicant:
(32) Date : 30/08/2001	D-51368, LEVERKUSEN, GERMANY
(33) Name of convention country : GERMANY	A GERMAN COMPANY
(66) Filed U/s. 5(2) : YES	(72) Name of the Inventors :
(61) Patent of addition to application No.: NIL	1. DIETER FEUCHT
(62) Filed on : N.A.	2. PETER DAHMEN
(63) Divisional to Application No.: NIL	3. MARK WILHELM DREWES
(64) Filed on: N.A.	4. ROLF FONTZEN
	5. DOROTHEE HOISCHEN
	6. KLAUS-HELMUT MULLER
	7. HANS-GEORG SCHWARZ
	8. STEFAN HERRMANN
	9. KRISTIAN KATHER
	10. OTTO SCHALLNER
	11. TOSHIO GOTO
	12. SHINICHI SHIRAKURA

(57) Abstract : The application relates to compositions comprising

a. at least one of the compounds of the formula (I)



In which A, R¹, R², R³ and R⁴ have the meaning given in the description and

b. known herbicides, as stated in the description, and/or

c. known safeners, as stated in the description,

and to their use for controlling undesirable vegetation.

Figure : NIL

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 727/MUM/2002 A (22) Date of filing of Application: 12/08/2002

(54) Title of the invention: **PREPARATION OF DIALKYLPIRIDYLBORANES**

(51) International classification: C07D 213/02

(30) Priority Data :

(31) Document No.: 60/315,183

(32) Date : 27/08/2001

(33) Name of convention country : U.S.A.

(66) Filed U/s. 5(2) : NO.

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

**PFIZER PRODUCTS INC.**

Address of the Applicant:

**EASTERN POINT ROAD, GROTON,  
CONNECTICUT, 06340, UNITED  
STATES OF AMERICA.**

(72) Name of the Inventors :

**1. DAVID HAROLD BROWN RIPIN**

(57) Abstract : The present invention relates to method for the preparation of dialkylpyridylboranes by reacting a Grignard pyridine reagent with an alkoxydialkylborane or a trialkylborane. The reaction can be conducted at a temperature ranging from about 0°C to about 40°C. The Grignard pyridine reagent is preferably prepared *in situ* by the reaction of a Grignard reagent (RMgX) and an halopyridine in a suitable solvent, such as tetrahydrofuran, followed by the addition of an alkoxydialkylborane or a trialkylborane to form a dialkylpyridylborane.

Figure : NIL

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No.: 728/MUM/2002 A (22) Date of filing of Application: 12/08/2002
- (54) Title of the invention:  $\Delta^1$ -PYRROLINES

- (51) International classification: C07D 207/18
- (30) Priority Data :
- (31) Document No.: 101 06457.8
- (32) Date : 13/02/2001
- (33) Name of convention country : GERMANY
- (66) Filed U/s. 5(2) : YES
- (61) Patent of addition to application No.: NIL
- (62) Filed on : N.A.
- (63) Divisional to Application No.: 25/MUM/2002
- (64) Filed on: 14/01/2002

## (71) Name of the Applicant:

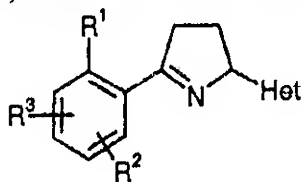
BAYER AKTIENGESELLSCHAFT

Address of the Applicant:

D-51368, LEVERKUSEN, GERMANY  
A GERMAN COMPANY

## (72) Name of the Inventors :

1. DR. ANDREW PLANT
2. DR. RUDIGER FISCHER
3. DR. THOMAS SEITZ
4. CHRISTOPH ERDELEN
5. DR. ANDREAS TURBERG
6. DR. OLAF HANSEN

(57) Abstract : Novel  $\Delta^1$ -pyrrolines of the formula (I)

(I)

in which

R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup> and Het have the meanings given in the description,

a plurality of processes for preparing these compounds and their use for controlling pests, and also novel intermediates and processes for their preparation.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application No.: 730/MUM/2002 A	(22) Date of filing of Application: 13/08/2002
(54) Title of the invention: "FRICTION AND RELEASE COATED POLYIMIDE FILM FOR ELECTRICAL INSULATION" AND THE PROCESS OF MANUFACTURING THE SAME.	
(51) International classification: C08G 73/00	(71) Name of the Applicant:
* Priority Data :	PRS SOLUTIONS PRIVATE LIMITED
(31) Document No.: NIL	Address of the Applicant:
(32) Date : N.A.	63, BOMBAY SAMACHAR MARG,
(33) Name of convention country : NIL	MUMBAI : 400 001, MAHARASHTRA
	STATE, INDIA, AN INDIAN COMPANY
(66) Filed U/s. 5(2) : NO.	
(61) Patent of addition to application No.: NIL	(72) Name of the Inventors :
(62) Filed on : N.A.	1. DINESH M. ANAM
(63) Divisional to Application No.: NIL	2. DR. PRAFULLA K. MANNA
(64) Filed on: N.A.	3. PRADIP HIRALAL SHROFF

(57) Abstract : Polyimide film possesses a unique combination of properties that make it ideal for a variety of application in many different industries. The ability of polyimide film to maintain its excellent physical, electrical, and mechanical properties over a wide temperature range has opened new design and application areas to plastic films.

This invention relates to manufacture of "Friction and Release Coated Polyimide Film for Electrical Insulation" and the process of manufacturing the same. It consists polyimide film coated with a special friction coating on one side and controlled release coating on the other side of the polyimide film. Friction coating gives the polyimide film higher varnish absorption properties and the release coating helps in the ease of application.

Figure : NIL



Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 731/MUM/2002 A (22) Date of filing of Application: 13/08/2002

(54) Title of the invention: "FIRE AND CORROSION RETARDANT THERMALLY CONDUCTING LOW TENSION ELECTRICAL INSULATION TAPE" AND THE PROCESS OF MANUFACTURING THE SAME

(51) International classification: H01B 3/10

Priority Data :

(31) Document No.: NIL

(32) Date : N.A.

(33) Name of convention country : NIL

(66) Filed U/s. 5(2) : NO.

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

PRS SOLUTIONS PRIVATE LIMITED

Address of the Applicant:

63, BOMBAY SAMACHAR MARG,  
MUMBAI : 400 001, MAHARASHTRA  
STATE, INDIA, AN INDIAN COMPANY

(72) Name of the Inventors :

1. DINESH M. ANAM
2. DR. PRAFULLA K. MANNA
3. PRADIP HIRALAL SHROFF

(57) Abstract : This invention relates to a process for manufacturing "Fire and Corrosion Retardant, Thermally Conducting Low Tension Electrical Insulation Tape" comprising of applying a pressure sensitive adhesive on one side of the cellulose fabric and a water proofing compound on the other side of the fabric and the said adhesive and the said compound are formulated to impart the fire/corrosion retardant thermally conducting and electrical insulation properties.

The fire retardant waterproofing compound is based on fire retardant resin suitably modified with softeners, fillers, pigments and stabilizers. The adhesive of this invention comprises of elastomeric compound, tackifier, fillers, antioxidants, corrosion resistant additives, thermally conducting additives etc. Coating of fire retardant waterproofing compound as well as pressure sensitive adhesive are carried out in a convention method and thereafter it was dried and cured by a known method and cut the said formulated tape in desired length and width.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

- (21) Application No.: 732/MUM/2002 A (22) Date of filing of Application: 13/08/2002
- (54) Title of the invention: "QUADROSCRATCHI TAMPER EVIDENT SECURITY DEVICE/LABEL" AND THE PROCESS OF MANUFACTURING THE SAME.

<p>(51) International classification: G09F 3/03</p> <p>Priority Data :</p> <p>(31) Document No.: NIL</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>PRS SOLUTIONS PRIVATE LIMITED</b></p> <p>Address of the Applicant:</p> <p><b>63, BOMBAY SAMACHAR MARG, MUMBAI : 400 001, MAHARASHTRA STATE, INDIA, AN INDIAN COMPANY</b></p> <p>(72) Name of the Inventors :</p> <p><b>1. DR. PRAFULLA K. MANNA 2. NITYANAND S. SHENOY 3. VINAYAK W. APTE 4. DINESH M. ANAM</b></p>
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(57) Abstract : Invention provides a major tool at all industries/ selling/ marketing any component/ part/ assembly/ users and manufacturers of various measuring instruments such as energy meters etc. and wants to safe guard their brand or avoid duplication and counterfeiting and thereby protecting their brand image and simultaneously achieve monitory saving by means if stoppage to counterfeiting.

A process for manufacturing tamper evident labels comprising of tamper evident film of desired dimensions and then sequentially coating the same with different layers. The non destruct side is coated with release type of coat followed by printing with, layers of customer defined matter and customer defined "Generic" message printed with ink which is otherwise invisible to necked eye but will be visible under ultraviolet radiation followed by depositing high grab adhesive and release liner in line with pre-determined design [die-cut], to get the final labels/ decals with the desired features. All the above referred coating/printing are carried out by using suitable machine to achieve peculiar features using conventional coating/printing methods. The label also provides difficult to copy method of "scratch & view", Hidden message and tamper evidence collectively provide a great tool to enable the counterfeiters to spoil the Brand image of genuine manufacturer.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application No.: 733/MUM/2002 A (22) Date of filing of Application: 13/08/2002

(54) Title of the invention: "QUADROSCRATCH SECURITY DEVICE/LABEL" AND THE PROCESS OF MANUFACTURING THE SAME

<p>(51) International classification: B32B 15/08</p> <p>Priority Data :</p> <p>(31) Document No.: NIL</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>PRS SOLUTIONS PRIVATE LIMITED</b></p> <p>Address of the Applicant:</p> <p><b>63, BOMBAY SAMACHAR MARG, MUMBAI : 400 001, MAHARASHTRA STATE, INDIA, AN INDIAN COMPANY</b></p> <p>(72) Name of the Inventors:</p> <p><b>1. NITYANAND S. SHENOY 2. VINAYAK W. APTE 3. DINESH M. ANAM</b></p>
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(57) Abstract : Invention provides a major tool at all industries/ selling/ marketing any component/ part/ assembly/ users and manufacturers of various measuring instruments such as energy meters etc. and wants to safe guard their brand or avoid duplication and counterfeiting and thereby protecting their brand image and simultaneously achieve monitory saving by means if stoppage to counterfeiting.

A process for manufacturing tamper evident labels comprising of tamper evident film of desired dimensions and then sequentially coating the same with different layers. The non destruct side is coated with release type of coat followed by printing with, layers of customer defined matter and customer defined "Generic" message printed with ink which is otherwise invisible to necked eye but will be visible under ultraviolet radiation followed by depositing high grab adhesive and release liner in line with pre-determined design [die-cut], to get the final labels/ decals with the desired features. All the above referred coating/printing are carried out by using suitable machine to achieve peculiar features using conventional coating/printing methods. The label also provides difficult to copy method of "scratching" & then viewing" the hidden message and there by providing a great tool to enable the counterfeiters to spoil the Brand image of genuine manufacturer.

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application No.: 735/MUM/2002 A (22) Date of filing of Application: 14/08/2002

(54) Title of the invention: IMMUNO HERBAL SANJEEVI MEDICINE

<p>(51) International classification: A61P 1/00</p> <p>Priority Data :</p> <p>(31) Document No.: NIL</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>1. CHILAVERI BHOOMESHWAR 2. DR. ANEM MUNNIKRISHNA</p> <p>Address of the Applicant:</p> <p>1. 84/66, B.D.D. BUILDING, WORLI, MUMBAI : 400 018, INDIAN. 2. 19-4-4-C2, STV NAGAR, OLD DR. MAHAL ROAD, TIRUPATI, ANDHRA PRADESH, PIN : 517 501</p> <p>(72) Name of the Inventors :</p> <p>1. CHILAVERI BHOOMESHWAR 2. DR. ANEM MUNNIKRISHNA</p>
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(57) Abstract : This Herbal Composition is useful for controlling and curing HIV/AIDS. The inventors by making lot of trials and experiments found the following effective composition. The Invention comprises preparing a synergistic herbal composition.

Dried bark of herbs is taken, washed and then dried under sun and put in grinder machine and made into smooth powder.

Dried leaves, flowers root and bark as applicable of the following herbs are taken, washed and then dried under the sun and put in grinder machine and made into smooth powder.

Figure : NIL

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No.: 736/MUM/2002 A (22) Date of filing of Application: 14/08/2002
- (54) Title of the invention: GLIPIZIDE-CYCLODEXTRIN INCLUSION COMPLEX AND ITS PHARMACEUTICAL COMPOSITIONS.

<p>(51) International classification: A61K 31/715</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL</p> <p>(66) Filed U/s. 5(2): YES</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>USV LIMITED</p> <p>Address of the Applicant:</p> <p>BSD MARG, GOVANDI, MUMBAI : 400 088, MAHARASHTRA, INDIA, AN INDIAN COMPANY</p> <p>(72) Name of the Inventors :</p> <ol style="list-style-type: none"> <li>1. DR. GIDWANI SURESH KUMAR</li> <li>2. SINGNURKAR PURSHOTTAM</li> <li>3. TEWARI PRASHANT KUMAR</li> </ol>
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(57) Abstract : Inclusion complex of glipizide and a nonionic surfactant with cyclodextrin and cyclodextrin derivatives. A method of preparing the inclusion complexes of glipizide and a nonionic surfactant with cyclodextrin and cyclodextrin derivatives by wetting cyclodextrin or a derivative thereof with a nonionic surfactant, and mixing the resulting mixture with glipizide. A pharmaceutical composition containing an inclusion complex of glipizide and a nonionic surfactant with cyclodextrin and cyclodextrin derivatives, in combination with pharmaceutically acceptable excipients.

Figure : NIL

Publication After 18 months.

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002

- (21) Application No.: 737/MUM/2002 A (22) Date of filing of Application: 14/08/2002
- (54) Title of the invention: APPARATUS AND PROCESS FOR THE CONVERSION OF WASTE POLYMER INTO PLASMA POLYMER COATING

<p>(51) International classification: C23C 16/00</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL</p> <p>(66) Filed U/s. 5(2): NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>FACILITATION CENTRE FOR INDUSTRIAL PLASMA TECHNOLOGIES</b></p> <p>Address of the Applicant:</p> <p><b>INSTITUTE FOR PLASMA RESEARCH, B-15-17/P, SECTOR-25, GIDC ELECTRONICS ESTATE, GANDHINAGAR-382 044, GUJARAT, INDIA</b></p> <p>(72) Name of the Inventors :</p> <p><b>1. SUDHIR KUMAR NEMA 2. PURVI KIKANI 3. PUCADYIL ITTOP JOHN</b></p>
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(57) Abstract : The invention relates to an apparatus and a process for converting the polymer scrap into protective coating by plasma enhanced chemical vapor deposition (PECVD). More particularly the invention relates to process for deposition of hydrophobic, hydrophilic protective barrier coating on metals, polymers, composites or ceramics and an apparatus having special electrode configuration, which makes the deposition uniform on three dimensional and flat objects.

Figure : NIL

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 738/MUM/2002 A (22) Date of filing of Application: 14/08/2002

(54) Title of the invention: RASTERED PLASMA TORCH

<p>(51) International classification: H05H 1/34</p> <p>(30) Priority Data :</p> <p>(31) Document No.: NIL</p> <p>(32) Date : N.A.</p> <p>(33) Name of convention country : NIL</p> <p>(66) Filed U/s. 5(2) : NO.</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>FACILITATION CENTRE FOR INDUSTRIAL PLASMA TECHNOLOGIES</b></p> <p>Address of the Applicant:</p> <p><b>INSTITUTE FOR PLASMA RESEARCH, B-15-17/P, SECTOR-25, GIDC ELECTRONICS ESTATE, GANDHINAGAR-382 044, GUJARAT, INDIA</b></p> <p>(72) Name of the Inventors :</p> <ol style="list-style-type: none"> <li>1. KUDALIGI SETHURAMACHAR GANESH PRASAD</li> <li>2. DIVJENDRANATH GURU</li> <li>3. AKIRREDDY SATHYA PRASAD</li> <li>4. PUCADDYIL ITTOP JOHN</li> </ol>
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(57) Abstract : The invention relates to an improved plasma torch for producing a large area sheet-like plasma and exploiting the plasma arc thus produced for various material processing and pyrometallurgical applications. The said torch comprises of at least a pair of cylindrical anodes placed in a horizontal plane and parallel to each other, means for supporting the said anodes at one end, means for rotating the said anodes around their axis to obtain uniform erosion, a cylindrical cathode, a flange holding the said anodes and cathode, means for electrically isolating the aid cathode and means for initiating arc and to confine the plasma downward.

Figure : NIL

Publication After 18 months.

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: 740/MUM/2002 A (22) Date of filing of Application: 14/08/2002

(54) Title of the invention: ONCE A DAY FORMULATION OF ANTIPROTOZOAL AGENTS

(51) International classification: A61K 9/22

(30) Priority Data :

(31) Document No.: NIL

(32) Date : N.A.

(33) Name of convention country : NIL

(66) Filed U/s. 5(2) : NO.

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

(71) Name of the Applicant:

**AJANTA PHARMA LIMITED**

Address of the Applicant:

**AJANTA HOUSE, 98, GOVT.  
INDUSTRIAL AREA, CHARKOP,  
KANDIVLI (W), MUMBAI-400 067,  
MAHARASHTRA, INDIA.**

(72) Name of the Inventors :

- 1. JATHAR SHRIPAD RHUSHIKESH**
- 2. BAJAJ AMRITA**

(57) Abstract : The present invention relates to once a day formulation of Antiprotozoal agent. More particularly the present invention relates to the controlled release once a day formulation of tinidazole for amoebiasis and giardiasis.

Figure : NIL



**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application IN/PCT/2002/01046/MUM A (22) Date of filing of 01/08/2002  
No.: (PCT/BE01/00051) Application:

(54) Title of the invention: CLAMPING DEVICE FOR A REFRACTORY-MADE PLATE OF A SLIDING GATE

(51) International classification: B22D 41/34

(30) Priority Data :

(31) Document No.: 00870058.5

(32) Date : 29/03/2000

(33) Name of convention country : EUROPE

(66) Filed U/s. 5(2) : NO

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

71) Name of the Applicant:

VESUVIUS CRUCIBLE  
COMPANY

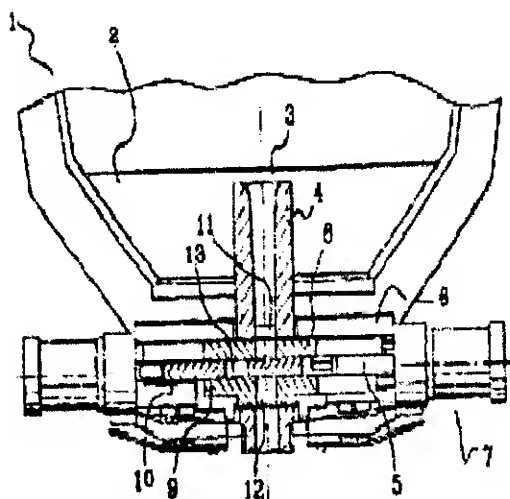
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72) Name of the Inventor:

1) BOISDEQUIN VINCENT  
2) MUTSAARTS PHILIPPE

(57) Abstract :



The object of the present invention is a clamp for clamping device for a refractory plate in a seating of a slide valve in a casting installation, the said clamp having on one hand a thrust zone whereon it can receive a clamping force tending to push the clamp against a refractory plate located in the seating and, on the other hand, two ends of which each is capable of being applied against one edge of the refractory plate. The clamp is characterised in that it is capable of being elastically deformed in that each of its two ends is conformed such that it bears against the corresponding edge of the refractory plate when a clamping force is applied to the clamp also bears against the wall of the seating under the effect of expansion of the plate or a greater clamping force. One of the advantages of the clamp, and in that the clamp is also deformed such that the clamp according to the invention is that it adapts automatically to the geometry of the plate which it is required to immobilize, so that variations in shape between plates due to their fabrication process do not cause any clamping problems.

Figure : 1.

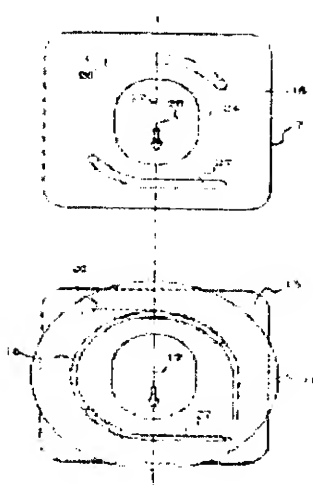
**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application No.: **IN/PCT/2002/01047MUM A** (22) Date of filing of Application: **01/08/2002**  
(PCT/BE01/00036)

(54) Title of the invention: **GROOVED REFRACTORY POURING TUBE FOR METALLURGICAL CASTING, ASSEMBLY OF REFRACTORY COMPONENTS, CASTING INSTALLATION AND PROCESS FOR REPAIRING THE SURFACE OF A REFRACTORY COMPONENTS**

<p>(51) International classification: B22D 41/42</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 00870038.7</p> <p>(32) Date : 07/03/2000</p> <p>(33) Name of convention country : EUROPE</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>71) Name of the Applicant:</p> <p><b>VESUVIUS CRUCIBLE COMPANY</b></p> <p>Address of the Applicant: <b>SUITE 200, 103 FOULK ROAD WILMINGTON, DE 19803, U.S.A.</b></p> <p>72) Name of the Inventor:</p> <p><b>1) RENARD JEAN-LUC 2) BORGOSANO LUIGI</b></p>
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**(57) Abstract :**

The object of the present invention is a refractory pouring tube including a contact face (15) capable of bearing against a contact face (11) of another refractory component (9), the said pouring tube being arranged to be displaced. The said pouring tube is characterised by the fact that its contact face (15) incorporates a cleaning groove (26, 27) delineated notably by a wall presenting an edge capable of exerting a scraping action, as the said pouring tube is displaced, at least partially on the determinate part of the contact face of the other refractory component. The cleaning groove makes it possible to preserve the integrity of the contact surface of the other refractory component and, consequently, the joint surface formed between the two components.

Figure : 3 & 4.

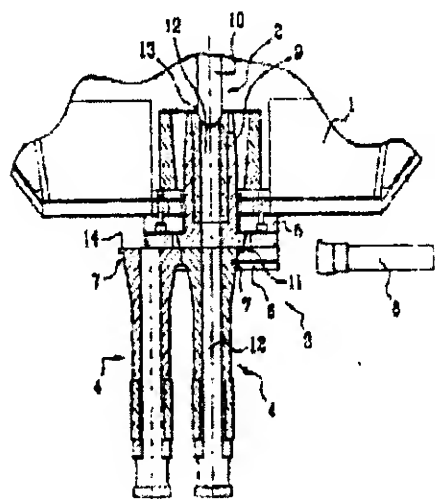
**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application No.: IN/PCT/2002/01048/MUM A (22) Date of filing of Application: 01/08/2002  
(PCT/BE01/00035)

(54) Title of the invention: **GROOVED REFRACTORY TUBE FOR METALLURGICAL CASTING, ASSEMBLY OF REFRACTORY COMPONENTS AND CASTING INSTALLATION INCORPORATING SUCH AN ASSEMBLY**

<p>(51) International classification: B22D 41/42</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 00870037.9</p> <p>(32) Date : 07/03/2000</p> <p>(33) Name of convention country : EUROPE</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>71) Name of the Applicant:</p> <p><b>VESUVIUS CRUCIBLE COMPANY</b></p> <p>Address of the Applicant:</p> <p><b>103 FOULK ROAD, SUITE 200, WILMINGTON, DE 19803, U.S.A.</b></p> <p>72) Name of the Inventor:</p> <p><b>1) RENARD JEAN-LUC 2) BORGOSANO LUIGI</b></p>
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**(57) Abstract :**

The present invention relates to a grooved refractory pouring tube for pouring a molten metal between an upper metallurgical vessel and a lower metallurgical vessel, a refractory assembly incorporating such a pouring tube, and a casting installation incorporating such an assembly. This refractory pouring tube forms a portion (12) of a pouring channel and includes at least a first contact face (14) capable of bearing against a second contact face (11) of another refractory component (9) forming an adjacent portion of the pouring channel and provided with an injection groove (17) forming, in conjunction with the first contact face (14), a fluid injection channel at least partially encircling the said channel, the said pouring tube (4) being arranged to be displaced in a predefined trajectory along which the first contact face (14) slides and remains in bearing contact against the second contact face (11), whilst the portion (12) of the pouring channel formed by the said pouring tube intercepts a determinate part (23) of the injection groove. The pouring tube is characterised in that the first contact face (14) incorporates an additional groove (26, 27) positioned so that it is located in proximity to the determinate part (23) of the groove and communicates with this groove at least on either side of this determinate part. This refractory pouring tube makes it possible to retain the advantages of fluid injection, even when the injection groove of the fixed component is obstructed.

Figure : 1.

**Publication After 18 months**

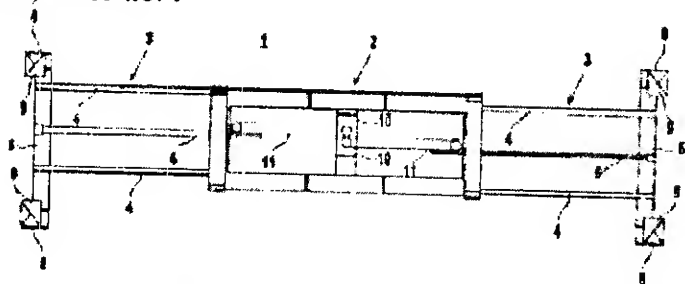
The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01049/MUM A (22) Date of filing of Application: 01/08/2002  
(PCT/EP01/15297)

(54) Title of the invention: LIFTING APPARATUS

<p>(51) International classification: B66C 1/66</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 1) 101 01 986.6 2) 101 19 273.8 3) 101 40 449.2</p> <p>(32) Date : 1) 18/01/2001 2) 20/04/2001 3) 17/08/2001</p> <p>(33) Name of convention country : GERMANY</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>71) Name of the Applicant:</p> <p><b>KGW FORDER-UND SERVICETECHNIK GMBH</b></p> <p>Address of the Applicant: <b>WISMARSCHE STRASSE 380, 19055 SCHWERIN, GERMANY</b></p> <p>72) Name of the Inventor:</p> <p><b>1) GEIS GERHARD</b></p>
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(57) Abstract :



The invention relates to a lifting apparatus (1) for transporting a container, said device comprising a main frame (2) and two shuttle booms (3). Respectively one shuttle boom (3) that ends on one longitudinal-side end of the main frame (2) is positioned such that it can be displaced in longitudinal direction of the main frame (2). Holders for attaching the container are provided at the free longitudinal-side ends of the shuttle booms (3). The shuttle booms (3) are operated with the aid of drum motors (44). The shuttle booms (3) are guided by means of roller bearings in the main frame (2)

Figure : 12.

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No.: **IN/PCT/2002/01060/MUM A** (22) Date of filing of Application: **01/08/2002**  
(PCT/US01/03937)
- (54) Title of the invention: **LIQUID CLEANING AND STERILIZATION SYSTEM AND METHOD**

(51) International classification: **A61L 2/00**

(30) Priority Data :

(31) Document No.: 1) 09/499,561 2) 09/498,811  
3) 09/498,869 4) 09/193,521

(32) Date : 1) 07/02/2000 2) 07/02/2000  
3) 07/02/2000 4) 31/03/2000

(33) Name of convention country : **USA**

(66) Filed U/s. 5(2) : **NO**

(61) Patent of addition to application No.: **NIL**

(62) Filed on : **N.A.**

(63) Divisional to Application No.: **NIL**

(64) Filed on: **N.A.**

(71) Name of the Applicant:

**STERIS INC.**

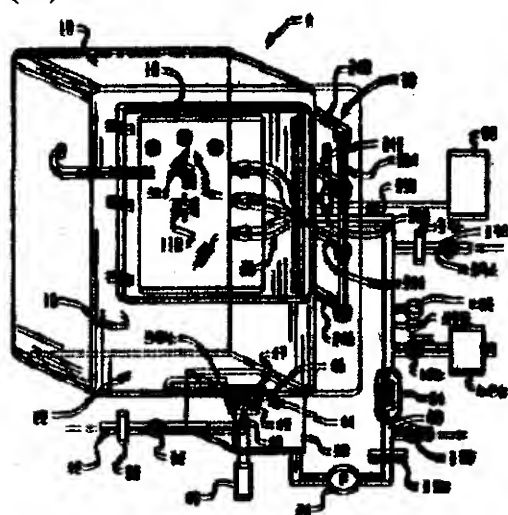
Address of the Applicant:

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TEMECULA, CA 92590, U.S.A.**

(72) Name of the Inventor:

- 1) **SANFORD BILL R.**
- 2) **KRAL JUDE A.**
- 3) **TVERGYAK JOSEPH**
- 4) **MOSS BERNARD J.**
- 5) **PRIEST ROBERT M.**
- 6) **HLEBOVY JAMES C.**
- 7) **KELSCH DANIEL N.**
- 8) **GRESZLER ALAN J.**
- 9) **MINEROVIC DAVID E.**
- 10) **HOUSTON JOHN C.**
- 11) **ROBINSON NANCY A.**

(57) Abstract :



A fluid delivery system (26) for an automated processor (A) delivers washing, microbial decontaminant, and rinse fluids to spray nozzles (102, 104, 106, 108, 110) in a chamber (12) for sequentially spraying the fluids over a lumened device (B), such as an endoscope. The fluid delivery system also delivers the fluids to connection ports (150, 152, 154) which connect with internal passages (187) of the device for delivering the fluids thereto. Leaking connectors (184) connect the automated processor connection ports with inlet ports (196) of the device and allow a portion of the washing, decontaminant, and rinsing solutions to leak from each inlet port. The endoscope is supported on a rack which is agitated by an activation system (330). A computer control system (80) controls cleaning, decontamination, rinsing, and drying stages of a cycle, which are all carried out within the chamber, obviating the need for human contact with the device during processing. A door locking and latching mechanism (90) ensures that the door remains locked during the washing, decontamination, and rinse cycle to avoid accidental injury to an operator from strong chemicals used in the system.

Figure : 1.

Publication After 18 months

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01051/MUM (PCT/US01/05794) A. (22) Date of filing of Application: 02/08/2002

(54) Title of the invention: SYSTEM AND METHOD FOR TRANSFERRING CRYOGENIC FLUIDS

<p>(51) International classification: F17C 5/02</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 09/513,707</p> <p>(32) Date : 25/02/2000</p> <p>(33) Name of convention country : USA</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>71) Name of the Applicant:</p> <p><b>EXXONMOBIL UPSTREAM RESEARCH COMPANY</b></p> <p>Address of the Applicant:  <b>3225 GALLOWS ROAD,          FAIRFAX VA 22037-0001, U.S.A.</b></p> <p>72) Name of the Inventor:</p> <p><b>1) GULATI KAILASH CHANDER          2) BUCKLES JOHN J.</b></p>

(57) Abstract : A system and a method for transferring cryogenic fluids (e.g., LNG) between a first LNG storage tank (41) and a second LNG storage tank (42). The system has two transfer lines (43 and 44) which extend between the tanks and which are fluidly connected together to form a closed loop when the system is not in use. The transfer system includes a means for cooling the transfer lines (43 and 44) when the system is not in use. LNG is circulated at high pressure through the closed loop during idle intervals to keep the lines at a temperature at which LNG will remain in a single phase, i.e. liquid

Figure : NIL.

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01052/MUM A (22) Date of filing of 02/08/2002  
No.: (PCT/EP01/00637) Application:

(54) Title of the invention: FABRIC CONDITIONING COMPOSITIONS

<p>(51) International classification: D06M 13/46</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 0002877.9</p> <p>(32) Date : 08/02/2000</p> <p>(33) Name of convention country : GREAT BRITAIN</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>71) Name of the Applicant:</p> <p>HINDUSTAN LEVER LIMITED</p> <p>Address of the Applicant: HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLAMATION, MAHARASHTRA, 400 020 MUMBAI, INDIA</p> <p>72) Name of the Inventor:</p> <p>1) FAN SHIMEI 2) CAHILL GARY</p>
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(57) Abstract : In a concentrated fabric softening composition comprising an aqueous dispersion of less than 30% by weight of quaternary ammonium fabric softening material which comprises two C<sub>12</sub>-C<sub>22</sub> alkyl or alkenyl groups connected to the molecule via at least one ester link, such as ester quat; improved stability of the viscosity on storage is obtained by including an unsaturated C<sub>8</sub>-C<sub>24</sub> fatty acid, wherein the weight ratio of quaternary ammonium material to unsaturated material is greater than 10:1.

Figure : NIL.

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No. IN/PCT/2002/01053/MUM A (22) Date of filing of Application: 02/08/2002  
(PCT/EP01/00640)

(54) Title of the invention: **FABRIC CARE COMPOSITION**

<p>(51) International classification: C11D 3/37</p> <p>(30) Priority Date :</p> <p>(31) Document No.: 0002964.5</p> <p>(32) Date : 09/02/2000</p> <p>(33) Name of convention country : <b>GREAT BRITAIN</b></p> <p>(66) Filed U/s. 5(2) : <b>NO</b></p> <p>(61) Patent of addition to application No.: <b>NIL</b></p> <p>(62) Filed on : <b>N.A.</b></p> <p>(63) Divisional to Application No.: <b>NIL</b></p> <p>(64) Filed on: <b>N.A.</b></p>	<p>(71) Name of the Applicant:</p> <p><b>HINDUSTAN LEVER LIMITED</b></p> <p>Address of the Applicant:</p> <p><b>HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLAMATION, MUMBAI 400 020, MAHARASHTRA, INDIA</b></p> <p>(72) Name of the Inventor:</p> <p><b>1) PARKER ANDREW</b></p>
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(57) Abstract : A fabric care composition comprises one or more textile compatible carriers and an amphoteric polymer which is capable of self cross-linking and/or of reacting with cellulose and which preferably comprises two or more isocyanate and groups. The compositions may be used to treat fabric as part of a laundering process and improve the surface colour definition of the fabric following multiple washings and/or impart pill and/or fuzz resistance to fabric during laundering.

Figure : **NIL.**



**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application No. IN/PCT/2002/01054/MUM A (22) Date of filing of Application: 02/08/2002  
(PCT/US01/03885)

(54) Title of the invention: **ELECTROCHEMICAL SENSOR FOR THE SPECIFIC DETECTION OF PERACETIC ACID IN AQUEOUS SOLUTIONS USING PULSE AMPEROMETRIC METHODS**

(51) International classification: G01N 27/49

(30) Priority Data :

(31) Document No.: 09/499,421

(32) Date : 07/02/2000

(33) Name of convention country : USA

(66) Filed U/s. 5(2) : NO

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

71) Name of the Applicant:

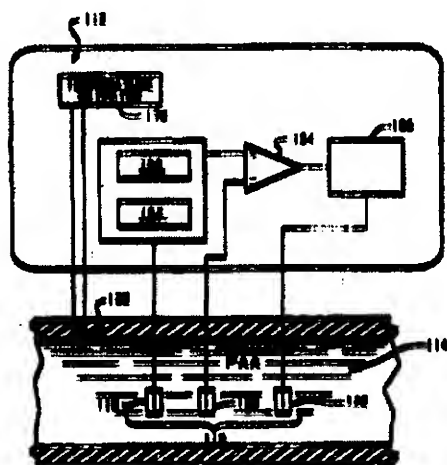
**STERIS INC.**

Address of the Applicant:  
43425 BUSINESS PARK DRIVE,  
TEMECULA, CA 92690, U.S.A.

72) Name of the Inventor:

1) MCVEY IAIN F.  
2) DESANTIS BRIAN J.  
3) LEWANDOWSKI JAN J.  
4) THOMAS KAREN L.  
5) SCHINDLY BRIAN E.

(57) Abstract :



An electrochemical sensor (A, A') is specific for the detection of peracetic acid in a solution which also contains hydrogen peroxide. A potential is applied between a reference electrode (120, 120') and a working electrode (118, 118'). A read voltage (fig. 7) is selectively pulsed to the working electrode and then through the solution to a counter electrode (122, 122'). The current flowing between the working electrode and the counter electrode is dependent on the peracetic acid concentration in the solution (fig. 6). By careful selection of the read voltage, the contribution of hydrogen peroxide to the current flow is virtually negligible. The sensor effectively measures peracetic acid concentrations in the range generally employed in sterilization and disinfection baths (100-3000 ppm.).

Figure : 2.

**Publication After 18 months**

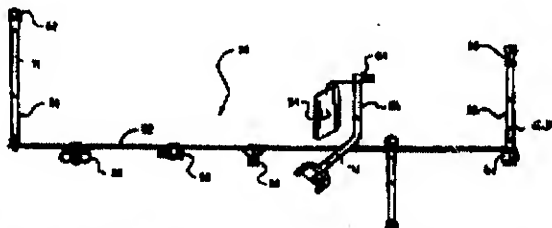
The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01055/MUM A (22) Date of filing of 02/08/2002  
No.: (PCT/US01/03962) Application:

(54) Title of the invention: **FLUID CONNECTION SYSTEM FOR ENDOSCOPE REPROCESSING WITH CONTROLLED LEAKAGE**

<p>(51) International classification: A61B 1/12</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 09/499,134</p> <p>(32) Date : 07/02/2000</p> <p>(33) Name of convention country : USA</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>71) Name of the Applicant:</p> <p><b>STERIS INC</b></p> <p><b>Address of the Applicant:</b> <b>43425 BUSINESS PARK DRIVE,</b> <b>TEMECULA, CA 92590, U.S.A.</b></p> <p>72) Name of the Inventor:</p> <p><b>1) MAPSON TARA DENISE</b> <b>2) KESELMAN YURY</b> <b>3) JESURUN DAVID</b> <b>4) SELIG VICTOR M.</b> <b>5) TYERGYAK JOSEPH</b> <b>6) SCHIEMAN RICHARD A.</b> <b>7) VAVRA BRUCE L.</b> <b>8) SESTAK JOSEPH T.</b></p>
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(57) Abstract :



A tethered interconnection assembly (50) supplies an antimicrobial fluid to interior passages of an endoscope during a microbial decontamination cycle. The tethered connection assembly includes tube assemblies (56) with fittings (60, 62, 64) which are uniquely configured for interconnection with an appropriate one of a high pressure port (28), a low pressure port (28), and optionally a leak detector port (36). Fittings (74) at the other end of the tube assemblies are configured for interconnection with appropriate corresponding ports of the endoscope. The tube assemblies (56) are interconnected by a tether (52) to which plurality of plugs (58) for plugging appropriate ports of the endoscope are also connected. A tag (54) identifies the model(s) of endoscope that the tethered connection assembly is to be used with and provides a diagram showing the proper interconnection pattern.

**Figure :**

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: **IN/PCT/2002/01056/MUM A** (22) Date of filing of Application: **05/08/2002**  
(PCT/EP01/00639)

(54) Title of the invention: **FABRIC CONDITIONING COMPOSITIONS**

<p>(51) International classification: <b>C11D 3/04</b></p> <p>(30) Priority Data :</p> <p>(31) Document No.: <b>0002876.1</b></p> <p>(32) Date : <b>08/02/2000</b></p> <p>(33) Name of convention country : <b>GREAT BRITAIN</b></p> <p>(66) Filed U/s. 5(2) : <b>NO</b></p> <p>(61) Patent of addition to application No.: <b>NIL</b></p> <p>(62) Filed on : <b>N.A.</b></p> <p>(63) Divisional to Application No.: <b>NIL</b></p> <p>(64) Filed on: <b>N.A.</b></p>	<p>71) Name of the Applicant:</p> <p><b>HINDUSTAN LEVER LIMITED</b></p> <p>Address of the Applicant: <b>HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLAMATION, MAHARASHTRA, 400 020 MUMBAI INDIA</b></p> <p>72) Name of the Inventor:</p> <p><b>1) CAHILL GARY 2) FAN SHIMEI 3) HUBBARD JOHN FRANCIS 4) MACHIN DAVID 5) SOUBIRAN LAURENT</b></p>

(57) Abstract : A fabric conditioning composition comprising a cationic fabric softening compounds dispersed in water is found to have surprisingly improved viscosity stability if a stabilizing system comprising at least one salt of a multivalent inorganic anion or non-sequestering multivalent organic anion is present. The invention is particularly suitable for use with quaternary ammonium material comprising a compound having two C12-18 alkyl or alkenyl groups connected to the molecule via at least one ester link. Preferably, the mixture comprises sodium chloride and sodium sulphate. Preferably, there is additionally at least one salt of a univalent anion.

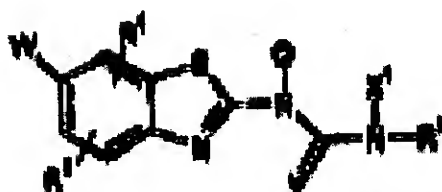
Figure : **NIL.**

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

- (21) Application No.: IN/PCT/2002/01067/MUM A (22) Date of filing of Application: 05/08/2002  
(PCT/US01/03803)
- (54) Title of the invention: 2-BENZOT HIAZOLYL UREA DERIVATIVES AND THEIR USE AS PROTEIN KINASE INHIBITORS

<p>(51) International classification: C07D 277/02</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 60/180,841</p> <p>(32) Date : 07/02/2000</p> <p>(33) Name of convention country : USA</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p><b>BASF AKTIENGESELLSCHAFT</b></p> <p>Address of the Applicant:</p> <p><b>RHEINLAND-PFALZ, 67086 LUDWIGSHAFEN, GERMANY</b></p> <p>(72) Name of the Inventor:</p> <p><b>1) CUSACK KEVIN P. 2) SCOTT BARBARA 3) ARNOLD LEE D. 4) ERICSSON ANNA</b></p>
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**(57) Abstract :**

(I)

The present invention is directed to a compound of formula (I), racemic-diastereomeric mixtures thereof, optical isomers thereof, prodrugs thereof, isotopes thereof or pharmaceutically-acceptable salts of said compound, isomers, prodrugs and isotopes, wherein the variable are defined herein. The compounds of this invention are useful as inhibitors of serine/threonine and tyrosine kinases. In particular, compounds of this invention are useful as inhibitors of tyrosine kinases that are important in hyperproliferative diseases, especially in cancer and in the process of angiogenesis.

**Figure :**

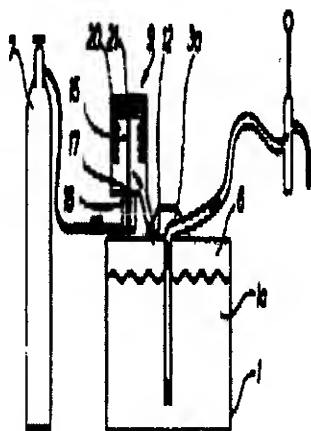
**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application No.: IN/PCT/2002/01058/MUM A (22) Date of filing of Application: 05/08/2002  
(PCT/DK00/00709)

(54) Title of the invention: **A DISPENSING ASSEMBLY FOR AUTOMATICALLY ADJUSTING THE CARBON DIOXIDE LEVEL IN BEER IN A DRAUGHT BEER KEG**

(51) International classification: B67D 1/14	71) Name of the Applicant:
(30) Priority Data :	GRAM-INVENTA A/S
(31) Document No.: PA 2000 00229	
(32) Date : 14/02/2000	Address of the Applicant:
(33) Name of convention country : <del>DENMARK</del>	HØGELSBJERG 80, DK-6200 AABENRAA, DENMARK
(66) Filed U/s. 5(2) : NO	
(61) Patent of addition to application No.: NIL	72) Name of the Inventor:
(62) Filed on : N.A.	1) NIELSEN TORBEN LINDGAARD
(63) Divisional to Applcation No.: NIL	
(64) Filed on: N.A.	

**(57) Abstract :**

A dispensing assembly for automatically adjusting the carbon dioxide level in beer in a draught beer keg (1), said dispensing assembly comprising a beer tap (3) to be placed in the outlet opening (2) of the draught beer keg, a tapping cock (5) connected to said beer tap, a reducing valve (9) communicating with the beer tap (3) and a carbon dioxide compressed air cylinder (7) which in turn communicates with the reducing valve (9). The low pressure side of the reducing valve (9) is directly connected to a gas channel (3a) in the housing of the beer tap (3), said gas channel communicating with the interior of the keg. The reducing valve (9) is a needle/cone valve, where the valve body is controlled by a bellows device (30) arranged in the housing of the valve and including a closed control gas mixture (21) which at least includes carbon dioxide. The control gas mixture (21) is selected such that the carbon dioxide-pressure-temperature-relation of the beer in the keg within a temperature range of 5 to 30 °C coincides with the carbon the dioxide-pressure-temperature-curve for beer with a constant carbon dioxide lever of R (% by weight) within said temperature range. R is in the range of 0.43 to 0.62 % by weight. The resulting dispensing assembly is of a very simple structure and easy to adjust to existing draught beer equipments

Figure : 1.

**Publication After 18 months**

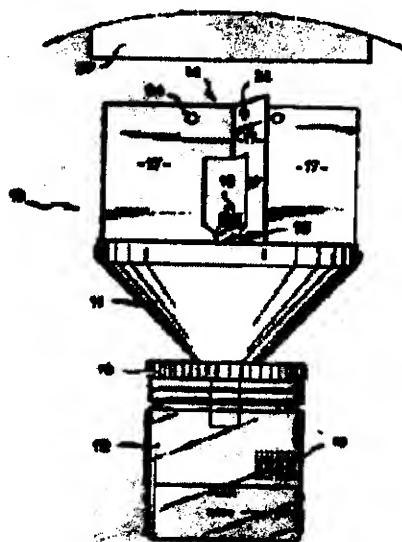
The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) **Application** IN/PCT/2002/01059/MUM A (22) **Date of filing of** 05/08/2002  
**No.:** (PCT/FR01/00581) **Application:**

(54) **Title of the invention: INSECT TRAP MORE PARTICULARLY DESIGNED FOR COFFEE PLANT BARK BEETLE**

<p>(51) <b>International classification:</b> A01M 1/02</p> <p>(30) <b>Priority Data :</b></p> <p>(31) <b>Document No.:</b> 00/02631</p> <p>(32) <b>Date :</b> 01/03/2000</p> <p>(33) <b>Name of convention country :</b> FRANCE</p> <p>(66) <b>Filed U/s. 5(2) :</b> NO</p> <p>(61) <b>Patent of addition to application No.:</b> NIL</p> <p>(62) <b>Filed on :</b> N.A.</p> <p>(63) <b>Divisional to Application No.:</b> NIL</p> <p>(64) <b>Filed on:</b> N.A.</p>	<p>(71) <b>Name of the Applicant:</b>  1) CENTRE DE COOPERATION INTERNATIONALE EN RECHERCHE AGRONOMIQUE POUR LE DEVELOPPEMENT-C.I.R.A.D.  2) LA FUNDACION SALVADORENA PARA INVESTIGACIONES DEL CAFE</p> <p><b>Address of the Applicant:</b>  1) 42, RUE SCHEFFER, F-75116 PARIS, FRANCE  2) FINCA 1A, AVENIDA NORTE SANTA TECLA, LA LIBERTAD, SALVADOR C.A., (SV).</p> <p>(72) <b>Name of the Inventor:</b>  1) DUFOUR BERNARD-PIERRE  2) GONZALEZ, MARIA, OFELIA</p>
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(57) **Abstract :**



The invention concerns an insect trap comprising an insect attractant, an entrance path leading to a reservoir partly filled with a liquid wherein the insects are drowned when they have entered the trap and cannot find their way back to the entrance. The invention is characterised in that being species-specific, more particularly coffee plant bark beetle-specific, and not much of an attractant for other insects, it comprises in its upper part a funnel-shaped entrance (11) having near the opening plane of the funnel a nozzle diffusing (15) attractant liquid vapours, said funnel being red and its lower part having at its tip a transparent or translucent bowl (12) partly filled with an aqueous solution wherein the insects which have fallen while descending through the passage of the funnel with reduced cross-section are drowned.

Figure : 1.

**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application No.: IN/PCT/2002/01060/MUM A (22) Date of filing of Application: 05/08/2002  
(PCT/US01/02014)

(34) Title of the invention: **EXTRUSION METHOD AND APPARATUS FOR CERAMIC HONEYCOMB ARTICLES**

(51) International classification: B29C 47/50

(30) Priority Data :

(31) Document No.: 09/512,731

(32) Date : 17/03/2000

(33) Name of convention country : USA

(60) Filed U/s: 5(2) : NO

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

71) Name of the Applicant:

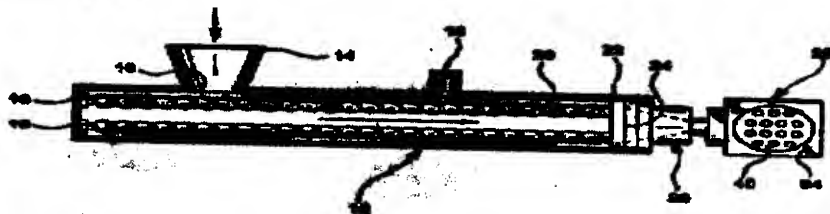
CORNING INCORPORATED

Address of the Applicant:  
1 RIVERFRONT PLAZA,  
CORNING, NY 14831, U.S.A.

72) Name of the Inventor:

1) MALARKEY CHRISTOPHER J.

(57) Abstract :



A process of making honeycomb articles using co-rotating, intermeshing twin screw extruder (12, 28) to mix, screen and extrude a batch of ceramic materials through a die. The improvement comprising steps of separating the mixing and screening phase from the extrusion phase by passing the batch through a first co-rotating, intermeshing twin screw extruder (12) and filtering screen (22) to mix and screen the batch then directly passing the mixed and screened batch through a second co-rotating, intermeshing twin screw extruder (28) to extrude the mixed and screened batch through the die (40) thereby forming a honeycomb article.

Figure : 2.

**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application No.: IN/PCT/2002/01061/MUM A (22) Date of filing of Application: 05/08/2002  
(PCT/CN01/01621)

(54) Title of the invention: AN ENVIRONMENTAL PROTECTION TYPE OF VALVE-REGULATED LEAD-ACID STORAGE BATTERY

(51) International classification: H01M 2/12

(30) Priority Data :

(31) Document No.: 00267409.2

(32) Date : 14/12/2000

(33) Name of convention country : CHINA

(66) Filed U/s. 5(2) : NO

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Additional to Application No.: NIL

(64) Filed on: N.A.

71) Name of the Applicant:

EMERSON NETWORK POWER CO., LTD.

Address of the Applicant:

1/F, 3/F, ELECTRIC BUILDING,  
HUAWEI BASE, BANXUEGANG  
INDUSTRIAL ZONE, LONGGANG,  
SHENZHEN MUNICIPALITY, P. R.  
CHINA 518129

72) Name of the Inventor:

1) LIU LIANBING  
2) WU ZHIJUN

(57) Abstract :



The present invention discloses an environmental protection type of valve-regulated lead-acid storage battery. Said lead-acid storage battery comprises battery body which providing with gas collection-exhaust means. Said battery body further provides with a conduit and a neutralizing chamber. The neutralizing chamber contains an alkaline substance. An inlet of said conduit is connected to a outlet of said gas collection-exhaust means while an outlet of the conduit is connected to an alkaline substance in said neutralizing chamber. Above the alkaline substance in said neutralizing chamber, there is a final outlet. The final outlet is connected to the conduit so as to ducting hydrogen gas produced by operation to the outside of operating environment. Using chemical neutralization, the present invention can get rid of the acid component in the gas, protect operating environment and eliminate damage produced by acid substance to the device and the human being, so the object of green environmental protection can be accomplished.

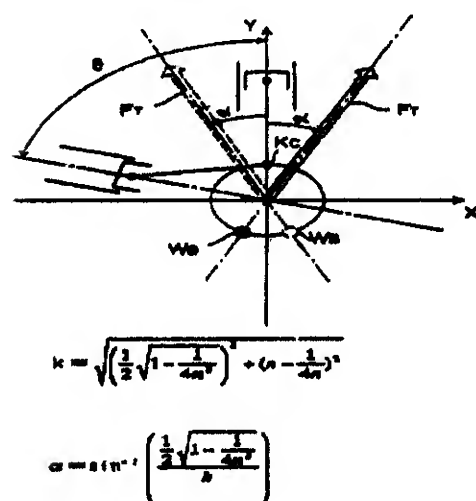
Figure : 1.



**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application No.:	IN/PCT/2002/01062/MUM (PCT/JP01/10925)	A (22) Date of filing of Application:	06/08/2002
(54) Title of the invention:	ODD-CYLINDER V-TYPE INTERNAL COMBUSTION ENTINE		
(51) International classification:	F02B 77/00	71) Name of the Applicant:	HONDA GIKEN KOGYO KABUSHIKI KAISHA
(30) Priority Data :		Address of the Applicant:	1-1, MINAMIAOYAMA 2-CHOME, MINATO-KU, TOKYO 107-8556, JAPAN
(31) Document No.:	1) 2001-3092 2) 2001-3638		
(32) Date :	1) 10/01/2001 2) 11/01/2001		
(33) Name of convention country :	JAPAN		
(66) Filed U/s. 5(2) :	NO		
(61) Patent of addition to application No.:	NIL	72) Name of the Inventor:	1) YAMASHITA NOBORU
(62) Filed on :	N.A.		
(63) Divisional to Application No.:	NIL		
(64) Filed on:	N.A.		

**(57) Abstract :**

A V-type internal combustion engine, having  $(2n+1)$  ( $n$ ; natural number) cylinders, is provided with a crank shaft having  $n$  common crank pins  $K_c$  to which a pair of a pistons in two banks are both connected and one stand-alone crank pin to which the remaining one piston only is connected. The common crank pins  $K_c$  are arranged at an equal phase, with a bank angle  $\theta$  set to satisfy the expression  $\theta = \cos^{-1}(1/(2n))$ . The stand-alone crank pin is disposed, when the remaining piston belongs to a bank on an advance side in a crank shaft rotation direction, on a lag side in a crank shaft rotation direction with an angle of  $(180-\theta)$  degrees away from a common crank pin  $K_c$ , the masses  $M$  of reciprocating-motion portions such as pistons in all cylinders are set equal, and the crank shaft is provided with a balance weight  $W_b$  that generates a balancing force having a magnitude of  $kMr\omega^2$  in a  $(\alpha+180)$ -degree direction, when  $k = \sqrt{\left(\frac{1}{2}\sqrt{1-\frac{1}{4n^2}}\right)^2 + \left(n-\frac{1}{4n}\right)^2}$   $\alpha = \sin^{-1}\left[\frac{1}{2}\sqrt{1-\frac{1}{4n^2}}/k\right]$ , where  $\alpha$ : rotation-direction angle from common crank pin  $K_c$ ,  $M$ : mass of each reciprocating-motion portion  $r$ : crank radius  $\omega$ : angular speed of crank shaft. Accordingly, an odd-cylinder V-type internal combustion engine is provided that prevents a primary vibration generation to be caused by a primary inertia force without increases in weight and size of the internal combustion engine.

Figure : 1.

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) **Application No.:** IN/PCT/2002/01063/MUM A (22) **Date of filing of Application:** 06/08/2002

(54) **Title of the Invention:** FIRE-RESISTANT HIGH PERFORMANCE CONCRETE COMPOSITION

<p>(51) <b>International classification:</b> C04B 28/02</p> <p>(30) <b>Priority Data :</b></p> <p>(31) <b>Document No.:</b> 00/01742</p> <p>(32) <b>Date :</b> 11/02/2000</p> <p>(33) <b>Name of convention country:</b> FRANCE</p> <p>(66) <b>Filed U/s. 5(2) :</b> NO</p> <p>(61) <b>Patent of addition to application No.:</b> NIL</p> <p>(62) <b>Filed on :</b> N.A.</p> <p>(63) <b>Divisional to Application No.:</b> NIL</p> <p>(64) <b>Filed on:</b> N.A.</p>	<p>(71) <b>Name of the Applicant:</b></p> <p>1) RHODIA CHIMIE 2) BOUYGUES TRAVAUX PUBLICS 3) LAFARGE</p> <p><b>Address of the Applicant:</b> 1) 26, QUAI ALPHONSE LE GALLO, F-92512 BOULOGNE BILLANCOURT CEDEX, FRANCE 2) 1, AVENUE EUGENE FREYSSINET F-78190 SAINT QUENTIN YVELINES, FRANCE 3) 61, RUE DES BELLES FEUILLES, F-75116 PARIS, FRANCE</p> <p>(72) <b>Name of the Inventor:</b></p> <p>1) ORANGE GILLES 2) PRAT EVELYNE 3) CASANOVA ANDRE 4) BEHLOUL MOULOU</p>

(57) **Abstract :** The invention concerns the use of organic fibres having a melting point lower than 300°C, an average length l more than 1 mm an diameter Ø not more than 200 µm, in ultra high performance concrete for improving the concrete fire resistance, the amount of organic fibres being such that their volume ranges between 0.1 and 3 % of the concrete volume after setting and the concrete having a compressive strength at 28 days of at least 120 Mpa, a bending strength of at least 20 Mpa, and a spread value in non-hardened state of at least 150 mm, said values being for a concrete preserved at 20°C, said concrete consisting of a particularly hardened cement matrix wherein metal fibres are dispersed.

**Figure :** NIL.

**Publication After 18 months**

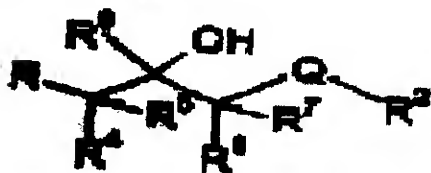
The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01064/MUM A (22) Date of filing of Application: 07/08/2002  
(PCT/SE01/00403)

(54) Title of the invention: NOVEL COMPOUNDS

<p>(51) International classification: C07D 207/04</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 1) 0000620-5, 2) 0002234-3 3) 0003979-2</p> <p>(32) Date : 1) 25/02/2000, 2) 14/06/2000 3) 31/10/2000</p> <p>(33) Name of convention country : SWEDEN</p> <p>(66) Filed U/s. 5(2) : YES</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>71) Name of the Applicant:</p> <p><b>ASTRAZENECA AB</b></p> <p>Address of the Applicant: <b>S-151 85 SODERTALJE, SWEDEN</b></p> <p>72) Name of the Inventor:</p> <p>1) BODKIN MICHAEL 2) ERIKSON TOMAS 3) HANSEN PETER 4) HEMMERLING MARTIN 5) HENRIKSSON KRISTER 6) KLINGSTEDT TOMAS 7) PETTERSSON LARS</p>
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(57) Abstract :



(I)

The invention provides compounds of general formula (I) wherein Q, R, R<sup>2</sup>, R<sup>4</sup>, R<sup>5</sup>, R<sup>6</sup>, R<sup>7</sup> and R<sup>8</sup> are as defined in the specification, processes for their preparation, pharmaceutical compositions containing them and their use in therapy.

Figure :

**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application No.: IN/PCT/2002/01065/MUM A (22) Date of filing of Application: 07/08/2002  
(PCT/US01/05264)

(54) Title of the invention: SUBSTITUTED ARYLPYRAZINES

(51) International classification: C07D 241/00	71) Name of the Applicant:
(30) Priority Data :	NEUROGEN CORPORATION
(31) Document No.: 1) 60/182,934 2) 60/206,455	
(32) Date : 1) 16/02/2000 2) 22/05/2000	Address of the Applicant: 35 NORTHEAST INDUSTRIAL ROAD, BRANFORD, CT 06405, U.S.A.
(33) Name of convention country : USA	
(66) Filed U/s. 5(2) : YES	
(61) Patent of addition to application No.: NIL	72) Name of the Inventor:
(62) Filed on : N.A.	1) YOON TAEYOUNG
(63) Divisional to Application No.: NIL	2) GE PING
(64) Filed on: N.A.	3) HORVATH RAYMOND F.
	4) DE LOMBAERT STEPHANE
	5) HODGETTS KEVIN J.
	6) DOLLER DARIO
	7) ZHANG CUNYU

(57) Abstract : Arylpyrazine compounds are provided, including arylpyrazines that can bind with high affinity and high selectivity to CRF<sub>1</sub> receptors, including human CRF<sub>1</sub> receptors. The invention thus includes methods for treatment of disorders and diseases associated with CRF<sub>1</sub> receptors, including CNS-related disorders and diseases, particularly affective disorders and diseases, and acute and chronic neurological disorders and diseases.

Figure : NIL.

**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) **Application No.:** IN/PCT/2002/01066/MUM A (22) **Date of filing of Application:** 07/08/2002  
(PCT/US01/02092)

(54) **Title of the invention:** PACKAGE WITH MULTIPLE CHAMBERS AND VALVES

<p>(51) <b>International classification:</b> B65D 35/22</p> <p>(30) <b>Priority Data :</b></p> <p>(31) <b>Document No.:</b> 09/502,630</p> <p>(32) <b>Date :</b> 11/02/2000</p> <p>(33) <b>Name of convention country :</b> USA</p> <p>(66) <b>Filed U/s. 5(2) :</b> NO</p> <p>(61) <b>Patent of addition to application No.:</b> NIL</p> <p>(62) <b>Filed on :</b> N.A.</p> <p>(63) <b>Divisional to Application No.:</b> NIL</p> <p>(64) <b>Filed on:</b> N.A.</p>	<p>71) <b>Name of the Applicant:</b></p> <p>SEAQUIST CLOSURES FOREIGN, INC.</p> <p><b>Address of the Applicant:</b> 475, WEST TERRA COTTA, CRYSTAL LAKE, IL 60014. U.S.A.</p> <p>72) <b>Name of the Inventor:</b></p> <p>1) GROSS RICHARD A. 2) SCHANTZ DANIEL G. 3) SOCIER TIMOTHY R.</p>
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(57) **Abstract :** A dispensing system is provided for two, constituent, fluent materials which are stored separately and then combined in a dispensing process to form a combination product. The dispensing system includes a container (30) having at least two interior storage chambers (40), and each chamber has a separate discharge opening (50). Associated with each discharge opening (50) is a separate, flexible valve (32). Each valve has an initially closed dispensing orifice which opens in response to a differential between the pressure acting against the side of the closed valve facing toward the associated discharge opening and the pressure acting against the side of the closed valve facing away from the associated discharge opening. In a preferred embodiment, a top (38) is provided downstream of the valve (32). The top (38) is movable between (1) a closed position to occlude a dispensing flow path downstream of the valves, and (2) an open position which permits flow to be discharged from the system.

Figure : 2.

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: **IN/PCT/2002/01067/MUM A (PCT/EP01/01494)** (22) Date of filing of Application: **07/08/2002**

(54) Title of the invention: **ABS MOULDING MATERIAL WITH IMPROVED WORKABILITY AND A HIGH LUSTRE**

<p>(51) International classification: <b>C08L 55/02</b></p> <p>(30) Priority Data :</p> <p>(31) Document No.: <b>100 08 418.4</b></p> <p>(32) Date : <b>23/02/2000</b></p> <p>(33) Name of convention country : <b>GERMANY</b></p> <p>(66) Filed U/s. 5(2) : <b>NO</b></p> <p>(61) Patent of addition to application No.: <b>NIL</b></p> <p>(62) Filed on : <b>N.A.</b></p> <p>(63) Divisional to Application No.: <b>NIL</b></p> <p>(64) Filed on: <b>N.A.</b></p>	<p>71) Name of the Applicant:</p> <p><b>BAYER AKTIENGESELLSCHAFT</b></p> <p>Address of the Applicant:</p> <p><b>51368 LEVERKUSEN, GERMANY</b></p> <p>72) Name of the Inventor:</p> <p><b>1) EICHENAUER HERBERT</b>  <b>2) WENZ ECKHARD</b>  <b>3) ALBERTS HEINRICH</b>  <b>4) JANSEN ULRICH</b>  <b>5) GASCHE HANSERICH</b></p>

(57) Abstract : The invention relates to an ABS moulding material. In said material, the rubber graft polymers have 3 butadiene polymer latices of a defined particle size, particle size distribution and gel content, whereby at least one polybutadiene latex has been produced by seed polymerization.

Figure : **NIL.**

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application IN/PCT/2002/01068/MUM A (22) Date of filing of 07/08/2002  
No.: (PCT/US01/03972) Application:

(54) Title of the invention: METHOD AND COMPOSITIONS FOR TREATING AN  
INFLAMMATORY DISEASE

(51) International classification: A61K 31/19	71) Name of the Applicant:
(30) Priority Data :	SMITHKLINE BEECHAM CORPORATION
(31) Document No.: 60/180,879	Address of the Applicant:
(32) Date : 08/02/2000	ONE FRANKLIN PLAZA, PHILADELPHIA, PA 19103, U.S.A.
(33) Name of convention country : USA	
(66) Filed U/s. 5(2) : NO	
(61) Patent of addition to application No.: NIL	72) Name of the Inventor:
(62) Filed on : N.A.	1) KEATING ELIZABETH T. 2) KANAGY JAMES M.
(63) Divisional to Application No.: NIL	
(64) Filed on: N.A.	

(57) Abstract : This invention relates to treating an inflammatory disease by administering a phosphodiesterase 4 inhibitor in combination with an inhibitor of prostaglandin synthesis. NSAIDs being exemplary.

Figure : NIL.

**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application No.: IN/PCT/2002/01069/MUM A (22) Date of filing of Application: 07/08/2002  
(PCT/JP01/01869)

(54) Title of the invention: SYRINGE

<p>(51) International classification: A61M 5/315</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 2000-75668</p> <p>(32) Date : 17/03/2000</p> <p>(33) Name of convention country : JAPAN</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>71) Name of the Applicant:</p> <p>KABUSHIKI KAISHA TOP</p> <p>Address of the Applicant: 19-10, SENJUNAKAICHO, ADACHI-KU TOKYO 120-0035, JAPAN</p> <p>72) Name of the Inventor:</p> <p>1) CHIBA ATSUSHI 2) ICHIKAWA KAZUHIRO</p>
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(57) Abstract :



A syringe comprising a gasket having an excellent adhesion to the inner wall surface of a cylinder, the syringe having a reduced overall length. The gasket (6) is joined to a base (10) formed at the front end of a plunger (5) and has a bent portion (14) bent axially of the plunger (5) on the outer peripheral side of the base (10). The bent portion (14) is joined to the base (10) while leaving a spacing on the front end side of the plunger (5), which spacing is bendable when the gasket (6) slides in the direction of the syringe (1). The gasket (6) is made of a synthetic resin having a Shore (A) hardness of 20-70, and the base (10) has a groove (13) on the outer peripheral side, the bent portion, (14) being provided by the outer peripheral side.

Figure : 1.



**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01070/MUM A (22) Date of filing of Application: 07/08/2002  
(PCT/EP01/01496)

(54) Title of the invention: POLYMER COMPOSITIONS WITH AN IMPROVED CONSTANCY OF CHARACTERISTICS

(51) International classification: C08F 279/04	71) Name of the Applicant:
(30) Priority Data :	BAYER AKTIENGESELLSCHAFT
(31) Document No.: 100 08 419.2	
(32) Date : 23/02/2000	Address of the Applicant:
(33) Name of convention country : GERMANY	51368 LEVERKUSEN, GERMANY
(66) Filed U/s. 5(2) : NO	
(61) Patent of addition to application No.: NIL	72) Name of the Inventor:
(62) Filed on : N.A.	1) EICHENAUER HERBERT
(63) Divisional to Application No.: NIL	2) SCHMIDT ADOLF
(64) Filed on: N.A.	3) JANSEN ULRICH

(57) Abstract : The invention relates to polymer compositions of two rubber graft polymers. During the production of said polymers, rubbers that have been obtained by seed polymerization using seed latex particles with defined particle diameters are used.

Figure : NIL.

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: **IN/PCT/2002/01071/MUM A** (22) Date of filing of Application: **07/08/2002**  
(PCT/EP01/01158)

(54) Title of the invention: **PERSONAL WASHING BAR HAVING ADJACENT EMOLLIENT RICH AND EMOLLENT POOR PHASES**

<p>(51) International classification: <b>A61K 7/50</b></p> <p>(36) Priority Data :</p> <p>(31) Document No.: <b>60/181,515</b></p> <p>(32) Date : <b>10/62/2000</b></p> <p>(33) Name of convention country : <b>USA</b></p> <p>(46) Filed U/s. 5(2) : <b>NO</b></p> <p>(61) Patent of addition to application No.: <b>NIL</b></p> <p>(62) Filed on : <b>N.A.</b></p> <p>(63) Divisional to Application No.: <b>NIL</b></p> <p>(64) Filed on: <b>N.A.</b></p>	<p>71) Name of the Applicant:</p> <p><b>HINDUSTAN LEVER LIMITED</b></p> <p>Address of the Applicant: <b>HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION, MAHARASHTRA, MUMBAI 400 020, INDIA</b></p> <p>72) Name of the Inventor:</p> <p><b>1) COYLE LAURIE ANN 2) POST ALBERT JOSEPH 3) ABBAS SYED HUSAIN 4) RATTINGER GAIL BETH 5) MASSARO MICHAEL 6) CROOKHAM HARRY CLARK</b></p>
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(57) Abstract : The present invention discloses a multiphase cleansing bar having a plurality of phases of cleansing material. Adjacent phases preferably have different concentration levels of benefit components and all the phases individually preferably have a substantially similar cleansing base selected from a syndet base, a soap base, or mixtures thereof. Chemical and rheological compatibility between the phases is maximized and recycling of the product during production is facilitated by the use of a uniform cleansing base. Methods of producing the inventive bar by extruding and melt casting are also disclosed.

Figure : **NIL.**

**Publication After 18 months**

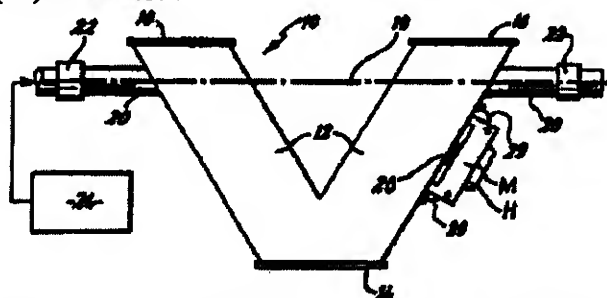
The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application No.: IN/PCT/2002/01072/MUM A (22) Date of filing of Application: 08/08/2002  
(PCT/GB01/00559)

(54) Title of the invention: MIXING APPARATUS AND METHOD

<p>(51) International classification: B01F 9/04</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 1) 0003641.8</p> <p>(32) Date : 1) 17/02/2000</p> <p>(33) Name of convention country : GREAT BRITAIN</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>ASTRAZENECA UK LIMITED</p> <p>Address of the Applicant: 15 STANHOPE GATE, LONDON W1Y 6LN, GREAT BRITAIN</p> <p>(72) Name of the Inventor:</p> <p>1) AFNAN ALI MOHAMMAD 2) CHISHOLM ROBERT SYMES</p>
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(57) Abstract :



Mixing of components, e.g. pharmaceutical actives and excipients, is carried out while monitoring the spectroscopic profile of the mixture during the mixing process so that the spectroscopic profile may be used to determine the point at which mixing is terminated. In one embodiment of the invention, the spectroscopic data is collected by means of a monitoring unit mounted on the mixing vessel, the mixing vessel being mounted and driven so as to rotate or oscillate mounted and thereby effect mixing of its contents and the monitoring unit being mounted for rotation or oscillation with the vessel. When the spectroscopic data indicates that mixing has progressed to a desired state, e.g. the production of a homogeneous blend, the monitoring unit transmits a signal to the drive source to terminate rotation or oscillation of the vessel.

Figure : 1.

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: **IN/PCT/2002/01073/MUM A (PCT/EP01/01493)** (22) Date of filing of Application: **08/08/2002**

(54) Title of the invention: **POLYMER COMPOSITIONS WITH IMPROVED PROPERTY CONSTANCY**

<p>(51) International classification: <b>C08L 51/04</b></p> <p>(30) Priority Data :</p> <p>(31) Document No.: <b>100 08 420.6</b></p> <p>(32) Date : <b>23/02/2000</b></p> <p>(33) Name of convention country : <b>GERMANY</b></p> <p>(66) Filed U/s. 5(2) : <b>NO</b></p> <p>(61) Patent of addition to application No.: <b>NIL</b></p> <p>(62) Filed on : <b>N.A.</b></p> <p>(63) Divisional to Application No.: <b>NIL</b></p> <p>(64) Filed on: <b>N.A.</b></p>	<p>71) Name of the Applicant:</p> <p><b>BAYER AKTIENGESELLSCHAFT</b></p> <p>Address of the Applicant:</p> <p><b>51368 LEVERKUSEN, GERMANY</b></p> <p>72) Name of the Inventor:</p> <p><b>1) EICHENAUER HERBERT</b></p> <p><b>2) SCHMIDT ADOLF</b></p> <p><b>3) JANSEN ULRICH</b></p>

(57) Abstract : The invention relates to polymer compositions of particular graft rubber polymers, during the production of which, rubbers of defined particle size are obtained by seed polymerisation, using seed latex particles of defined particle size.

Figure : **NIL.**

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01074/MUM A (22) Date of filing of Application: 08/08/2002  
(PCT/US01/07749)

(54) Title of the invention: A PROCESS FOR THE PREPARATION OF EPOTHILONE ANALOGS AND INTERMEDIATES

(51) International classification: C07D 303/38	71) Name of the Applicant:
(30) Priority Data :	BRISTOL-MYERS SQUIBB COMPANY
(31) Document No.: 09/528,526	Address of the Applicant:
(32) Date : 20/03/2000	LAWRENCEVILLE-PRINCETON ROAD, P.O. BOX 4000, PRINCETON, NJ 08543-4000, U.S.A.
(33) Name of convention country : USA	72) Name of the Inventor:
(66) Filed U/s. 5(2) : YES	1) LI WEN SEN
(61) Patent of addition to application No.: NIL	2) THORNTON JOHN E.
(62) Filed on : N.A.	3) GUO ZHENRONG
(63) Divisional to Application No.: NIL	4) SWAMINATHAN SHANKAR
(64) Filed on: N.A.	5) MCCONLOGUE GARY W.

(57) Abstract : The present invention relates to a process for the preparation of epothilone analogs by initially forming novel ring-opened epothilones and carrying out a macrolactamization reaction thereon. The subject process is amenable to being carried out in a single reaction vessel without isolation of the intermediate compound and provides at least about a three-fold increase in yield over prior processes for preparing the desired epothilone analogs.

Figure : NIL.

**Publication After 18 months**

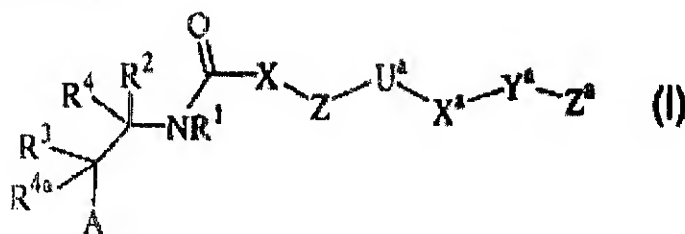
The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application No.: IN/PCT/2002/01075/MUM A (22) Date of filing of Application: 08/08/2002  
(PCT/US01/08336)

(54) Title of the invention: BETA-AMINO ACID DERIVATIVES AS INHIBITORS OF MATRIX METALLOPROTEASES AND TNF-ALPHA

<p>(51) International classification: C07D 401/12</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 1) 60/190,183 2) 60/235,467 3) 60/252,062</p> <p>(32) Date : 1) 17/03/2000 2) 26/09/2000 3) 20/11/2000</p> <p>(33) Name of convention country : USA</p> <p>(66) Filed U/s. 5(2) : YES</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>71) Name of the Applicant:</p> <p><b>DUPONT PHARMACEUTICALS COMPANY</b></p> <p>Address of the Applicant: <b>CHESTNUT RUN PLAZA, 974 CENTRE ROAD, WILMINGTON, DE 19805, U.S.A.</b></p> <p>72) Name of the Inventor:</p> <p><b>1) DUAN JINGWU 2) KING BRYAN W. 3) DECICCO CARL 4) MADUSKUIE THOMAS P. JR. 5) VOSS MATTHEW E.</b></p>
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(57) Abstract :



The present application describes novel  $\beta$ -amino acid derivatives of formula (I) or pharmaceutically acceptable salt or prodrug forms thereof, wherein A, X, Z,  $U^a$ ,  $X^a$ ,  $Y^a$ ,  $Z^a$ ,  $R^1$ ,  $R^2$ ,  $R^3$ ,  $R^4$ , and  $R^{4a}$  are defined in the present specification, which are useful as metalloprotease and as TNF- $\alpha$  inhibitors.

Figure :

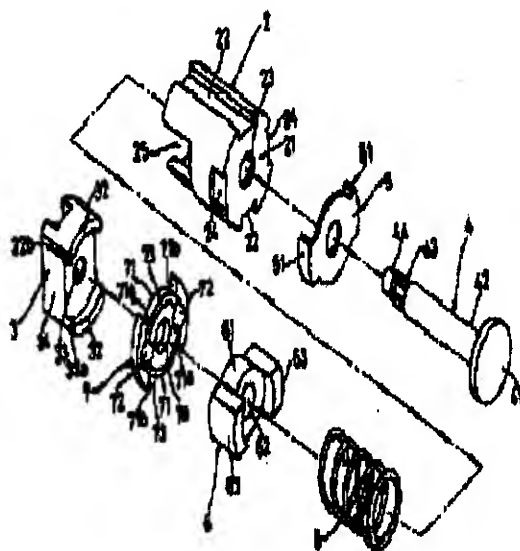
**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application No.: IN/PCT/2002/01076/MUM A (22) Date of filing of Application: 08/08/2002  
(PCT/JP01/10371)

(54) Title of the invention: HINGE DEVICE AND CELL PHONE

<p>(51) International classification: F16C 11/10</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 2000-379705</p> <p>(32) Date : 14/12/2000</p> <p>(33) Name of convention country : JAPAN</p> <p>(66) Filed U/s, 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>SUGATSUNE KOGYO CO., LTD.</p> <p>Address of the Applicant:</p> <p>8-11, HIGASHIKANDA, 1-CHOME, CHIYODA-KU, TOKYO 101-8633, JAPAN</p> <p>(72) Name of the Inventor:</p> <p>1) KOSHIKAWA SHINICHIRO 2) ISHIGAYA KAZUYUKI</p>
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**(57) Abstract :**

A hinge device, comprising a first hinge member (2) having a movable member (6) connected thereto so as to be moved radially and not to be rotated, and a second hinge member (3) having a hammering member (7) unrotatably connected thereto, wherein the movable member (6) is allowed to abut on the hammering member (7) by a coiled spring (not shown), and a force converting mechanism (not shown) for converting the energizing force of the coiled spring to a rotating force for rotating the hammering member (7) is installed in the contact surface between the movable member (6) and the hammering member (7), contact projected parts (32) are formed on the outer periphery of the second hinge member (3), contact recessed parts (71) for fitting the contact projected parts (32) therein are formed in the outer periphery of the hammering member (7), and the widths (W2) of the contact recessed parts (71) are increased slightly over the widths (W1) of the contact projected parts (32) to allow the hammering member (7) to be rotated, by that amount, relative to the second hinge member (3).

Figure : 7.

**Publication After 18 months**

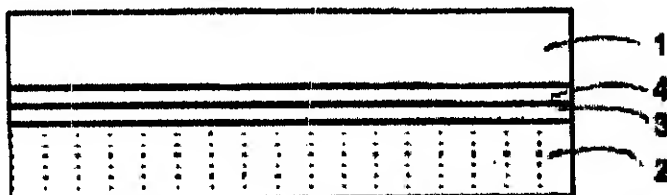
The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application No.: IN/PCT/2002/01077/MUM A (22) Date of filing of Application: 09/08/2002  
(PCT/FI01/00169)

(54) Title of the invention: **METHOD FOR MAKING A JOINT BETWEEN COPPER AND STAINLESS STEEL**

<p>(51) International classification: B23K 35/00</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 20000409</p> <p>(32) Date : 23/02/2000</p> <p>(33) Name of convention country : FINLAND</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>71) Name of the Applicant:</p> <p><b>OUTOKUMPU OYJ</b></p> <p>Address of the Applicant: <b>RIIHITONTUNTIE 7, FIN-02200 ESPOO, FINLAND</b></p> <p>72) Name of the Inventor:</p> <p><b>1) POLVI VEIKKO 2) TASKINEN PEKKA 3) SUORTTI TUIJA</b></p>

(57) Abstract :



A method for making a joint between copper or copper alloys and austenitic steel alloys, in which method in between the junction surfaces of the objects to be joined together, there is arranged at least one intermediate layer, so that the junction surfaces including their intermediate layers are pressed together, and at least the junction area is heated in order to create a diffusion joint. In the method, there is brought a first intermediate layer (3) on the junction surface of the steel object (2) or against said surface, mainly in order to prevent the nickel loss from the steel object (2), and at least a second intermediate layer (4) on the junction surface of the copper object (1) or against said surface in order to activate the creation of a diffusion joint.

Figure : 1.



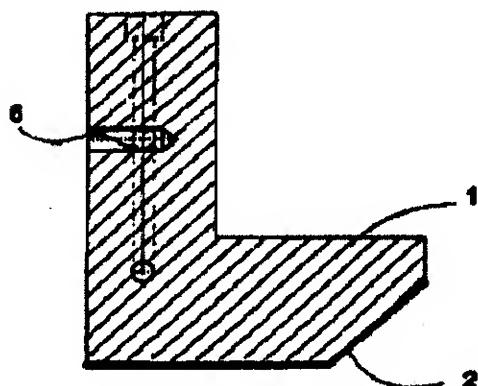
**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01078/MUM A (22) Date of filing of Application: 09/08/2002  
(PCT/FI01/00168)

(54) Title of the invention: COOLING ELEMENT AND METHOD FOR MANUFACTURING COOLING ELEMENTS

<p>(51) International classification: F27D 1/12</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 20000410</p> <p>(32) Date : 23/02/2000</p> <p>(33) Name of convention country : FINLAND</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>71) Name of the Applicant:</p> <p>OUTOKUMPU OYJ</p> <p>Address of the Applicant: RIIHITONTUNTIE 7, FIN-02200 ESPOO, FINLAND</p> <p>72) Name of the Inventor:</p> <p>1) POLVI VEIKKO</p>
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**(57) Abstract :**

A cooling element designed particularly for furnaces, said element comprising a housing (1) mainly made of copper, and a channel system (6) provided in the housing for cooling medium circulation. At least on a part of the surface of the element housing (1), there is arranged, by means of a diffusion joint, a corrosion-resistant surface layer (2). The invention also relates to a method for arranging said surface layer in the cooling element.

Figure : 1.

**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application No.: IN/PCT/2002/01079/MUM A (22) Date of filing of Application: 09/08/2002  
(PCT/FI01/00167)

(54) Title of the invention: METHOD FOR MANUFACTURING AN ELECTRODE AND AN ELECTRODE

(51) International classification: C25C 3/12

(30) Priority Data :

(31) Document No.: 20000411

(32) Date : 23/02/2000

(33) Name of convention country : FINLAND

(66) Filed U/s. 5(2) : NO

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

71) Name of the Applicant:

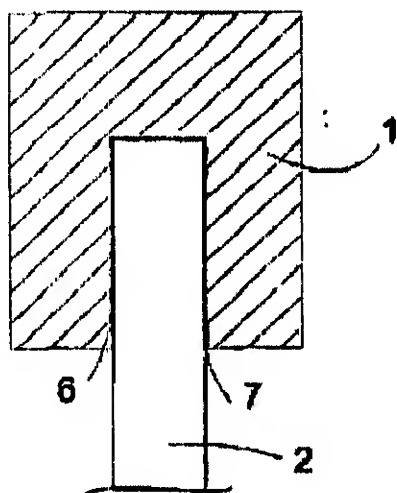
**OUTOKUMPU OYJ**

Address of the Applicant:  
**RIIHITONTUNTIE 7, FIN-02200  
ESPOO, FINLAND**

72) Name of the Inventor:

**1) POLVI VEIKKO  
2) TASKINEN PEKKA  
3) SUORTTI TUIJA**

(57) Abstract :



A method for manufacturing an electrode used in the electrolysis of metals, in which method and electrode plate element (2) is attached to a suspension bar (1), which also serves as a power conductor. The plate element (2) is attached to the suspension bar (1) by means of a diffusion joint. The invention also relates to an electrode.

Figure : 5.

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01080/MUM A (22) Date of filing of Application: 09/08/2002  
(PCT/US01/09216)

(54) Title of the invention: IL-8 RECEPTOR ANTAGONISTS

(51) International classification: C12N	71) Name of the Applicant:
(30) Priority Data :	SMITHKLINE BEECHAM CORPORATION
(31) Document No.: 60/192,132	
(32) Date : 24/03/2000	Address of the Applicant:
(33) Name of convention country : USA	ONE FRANKLIN PLAZA, PHILADELPHIA, PA 19103, U.S.A.
(66) Filed U/s. 5(2) : YES	
(61) Patent of addition to application No.: NIL	72) Name of the Inventor:
(62) Filed on : N.A.	1) PALOVICH MICHAEL ROBERT
(63) Divisional to Application No.: NIL	2) WIDDOWSON KATHERINE L.
(64) Filed on: N.A.	3) NIE HONG

(57) Abstract : This invention relates to novel compounds of Formula (I), and compositions thereof, useful in the treatment of disease states mediated by the chemokine, Interleukin-8 (IL-8).

Figure : NIL.

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01081/MUM A (22) Date of filing of Application: 09/08/2002  
(PCT/EP01/01563)

(54) Title of the invention: **TOPICAL COSMETIC AGENTS CONTAINING 2-HYDRAZINO-1,3-HETEROAZOLES**

(51) International classification: A61K 7/00	71) Name of the Applicant:
(30) Priority Data :	<b>HAARMANN &amp; REIMER GMBH</b>
(31) Document No.: 100 08 907.0	
(32) Date : 25/02/2000	Address of the Applicant:
(33) Name of convention country : GERMANY	<b>37601 HOLZMINDEN, GERMANY</b>
(66) Filed U/s. 5(2) : NO	
(61) Patent of addition to application No.: NIL	72) Name of the Inventor:
(62) Filed on : N.A.	<b>1) LEY JAKOB PETER 2) JOHNCOCK WILLIAM 3) LANGNER ROLAND</b>
(63) Divisional to Application No.: NIL	
(64) Filed on: N.A.	

(57) Abstract : The inventive 2-hydrazino-1,3-heteroazoles or salts thereof are, as very good tyrosinase inhibitors, active constituents in topical cosmetic agents, especially in cosmetic or dermatological skin brightening agents.

Figure : NIL.

**Publication After 18 months**

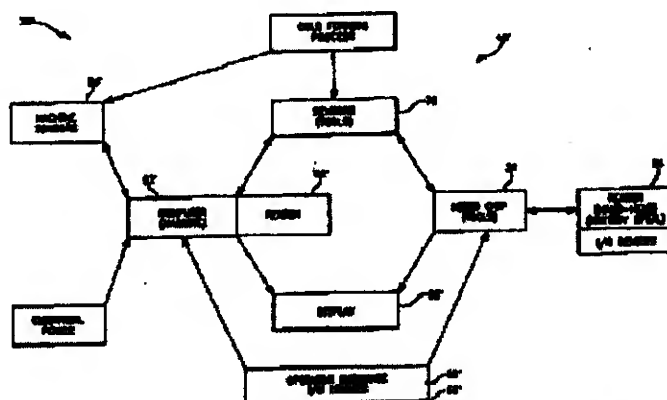
The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01082/MUM A (22) Date of filing of Application: 09/08/2002  
(PCT/US01/06379)

(54) Title of the invention: SMART MACHINE TOOL SYSTEM

<p>(51) International classification: B21C 51/00</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 60/186,169</p> <p>(32) Date : 29/02/2000</p> <p>(33) Name of convention country : USA</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>71) Name of the Applicant:</p> <p>PCC SEPCIALTY PRODUCTS, INC.</p> <p>Address of the Applicant: 11676 PERRY HIGHWAY, WEXFORD, PA 15090, U.S.A.</p> <p>72) Name of the Inventor:</p> <p>1) FLANAGAN JAMES D. 2) FAUCHER BRIAN R.</p>
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(57) Abstract :



A machine tool system (30) includes a tool (32) for cold forming a workpiece over an operating cycle and a sensor device (40) which senses each operating cycle of the tool (32). Identification data for the tool (32) and operating data for the tool (32) are stored on an electronic device (34) fixedly mounted to the tool (32). At least one interface device (46) provides communication between the electronic device (34) and the sensor device (40).

Figure : 3.

**Publication After 18 months**

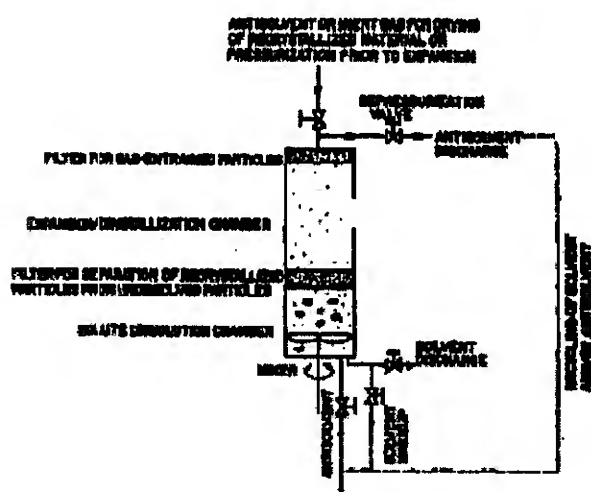
The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application No.: IN/PCT/2002/01083/MUM A (22) Date of filing of Application: 09/08/2002  
(PCT/US01/03019)

(54) Title of the invention: MATERIAL PROCESSING BY REPEATED SOLVENT EXPANSION-CONTRACTION

<p>(51) International classification: B01D 11/02</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 60/186,888</p> <p>(32) Date : 03/03/2000</p> <p>(33) Name of convention country : USA</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>71) Name of the Applicant:</p> <p><b>BOEHRINGER INGELHEIM PHARMACEUTICALS, INC</b></p> <p>Address of the Applicant: <b>900 RIDGEBURY ROAD, P.O. BOX 368, RIDGEFIELD, CT 06877-0368, U.S.A.</b></p> <p>72) Name of the Inventor:</p> <p><b>1) SAÏM SAID 2) HORHOTA STEPHEN 3) BOCHNIAK DAVID JOSEPH</b></p>
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(57) Abstract :



A method for repeatedly converting a solvent from a state of solvent to a state of antisolvent with relatively little loss of solvent. The method is used to allow for processing of large amounts of solute material with minimum amounts of solvent.

Figure : NIL.

**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application No.: IN/PCT/2002/01084/MUM A (22) Date of filing of Application: 09/08/2002  
(PCT/US01/04170)

(54) Title of the invention: ANTIBODIES THAT BIND HUMAN INTERLEUKIN-18 AND METHODS OF MAKING AND USING

<p>(51) International classification: C07K 16/00</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 60/181,608</p> <p>(32) Date : 10/02/2000</p> <p>(33) Name of convention country : USA</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>71) Name of the Applicant:</p> <p><b>BASF AKTIENGESELLSCHAFT</b></p> <p>Address of the Applicant: <b>LUDWIGSHAFEN, RHEINLAND-PFALZ, GERMANY</b></p> <p>72) Name of the Inventor:</p> <p>1) GHAYUR TARIQ 2) DIXON RICHARD W. 3) ROGUSKA MIKE 4) WHITE MICHAEL 5) LABKOVSKY BORIS 6) SALFELD JOCHEN 7) DUNCAN ALEXANDER, ROBERT 8) BROCKLEHURST SIMON MARK 9) MANKOVICH JOHN 10) SHORROCK CELIA PATRICIA 11) THOMPSON JULIA ELIZABETH 12) LENNARD SIMON NICHOLAS</p>

(57) Abstract : Antibodies that bind human interleukin-18 (hIL-18) are provided, in particular antibodies that bind epitope(s) of human IL-18. The antibodies can be, for example entirely human antibodies, recombinant antibodies, or monoclonal antibodies. Preferred antibodies have high affinity for hIL-18 and neutralize hIL-18 activity *in vitro* and *in vivo*. An antibody of the invention can be a full-length antibody or an antigen-binding portion thereof. Method of making and method of using the antibodies of the invention are also provided. The antibodies, or antibody portions, of the invention are useful for detecting hIL-18 and for inhibiting hIL-18 activity, e.g., in a human subject suffering from a disorder in which hIL-18 activity is detrimental.

Figure : NIL.

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01085/MUM A (22) Date of filing of Application: 09/08/2002  
(PCT/US01/04170)

(54) Title of the invention: ANTIBODIES THAT BIND HUMAN INTERLEUKIN-18 AND METHODS OF MAKING AND USING

<p>(51) International classification: C07K 16/00</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 60/181,608</p> <p>(32) Date : 10/02/2000</p> <p>(33) Name of convention country : USA</p> <p>(66) Filed U/s. 5(2) : YES</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>71) Name of the Applicant:</p> <p><b>BASF AKTIENGESELLSCHAFT</b></p> <p>Address of the Applicant: <b>LUDWIGSHAFEN, RHEINLAND-PFALZ, GERMANY</b></p> <p>72) Name of the Inventor:</p> <p>1) GHAYUR TARIQ 2) DIXON RICHARD W. 3) ROGUSKA MIKE 4) WHITE MICHAEL 5) LABKOVSKY BORIS 6) SALFELD JOCHEN 7) DUNCAN ALEXANDER, ROBERT 8) BROCKLEHURST SIMON MARK 9) MANKOVICH JOHN 10) SHORROCK CELIA PATRICIA 11) THOMPSON JULIA ELIZABETH 12) LENNARD SIMON NICHOLAS</p>
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(57) Abstract : Antibodies that bind human interleukin-18 (hIL-18) are provided, in particular antibodies that bind epitope(s) of human IL-18. The antibodies can be, for example entirely human antibodies, recombinant antibodies, or monoclonal antibodies. Preferred antibodies have high affinity for hIL-18 and neutralize hIL-18 activity *in vitro* and *in vivo*. An antibody of the invention can be a full-length antibody or an antigen-binding portion thereof. Method of making and method of using the antibodies of the invention are also provided. The antibodies, or antibody portions, of the invention are useful for detecting hIL-18 and for inhibiting hIL-18 activity, e.g., in a human subject suffering from a disorder in which hIL-18 activity is detrimental.

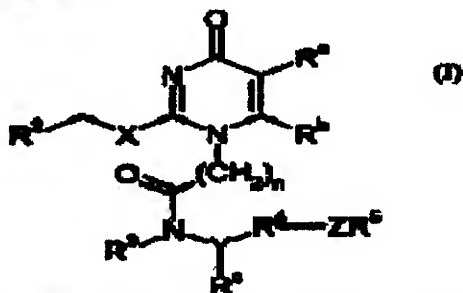
Figure : NIL.



**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application No.: IN/PCT/2002/01086/MUM (PCT/EP01/01515)	A (22) Date of filing of Application: 12/08/2002
(54) Title of the invention: PYRIMIDINE-4-ONE DERIVATIVES AS LDL-PLA <sub>2</sub> INHIBITORS	
<p>(51) International classification: C07D 239/56</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 1) 0003636.8 2) 0101437.2</p> <p>(32) Date : 1) 16/02/2000 2) 19/01/2001</p> <p>(33) Name of convention country : GREAT BRITAIN</p> <p>(66) Filed U/s. 5(2) : YES</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>(71) Name of the Applicant:</p> <p>SMITHKLINE BEECHAM P.L.C.</p> <p>Address of the Applicant: NEW HORIZONS COURT, BRENTFORD, MIDDLESEX TW8 9EP, GREAT BRITAIN</p> <p>(72) Name of the Inventor:</p> <p>1) HICKEY DEIRDRE MARY BERNADETTE 2) IFE ROBERT JOHN 3) LEACH COLIN ANDREW 4) PINTO IVAN LEO 5) SMITH STEPHEN ALLAN 6) STANWAY STEVEN JAMES</p>

**(57) Abstract :**

Pyrimidone compounds of formula (I) are inhibitors of the enzyme Lp-PLA<sub>2</sub> and are of use in treating atherosclerosis.

Figure :

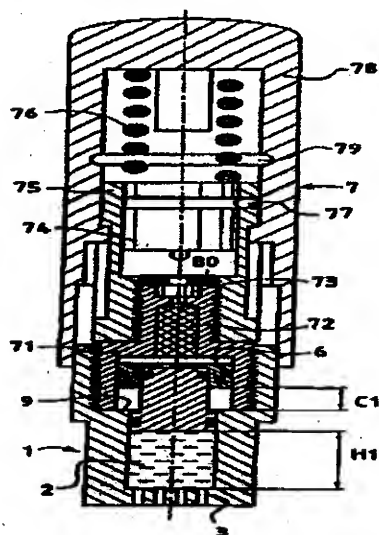
**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application No.: IN/PCT/2002/01087/MUM A (22) Date of filing of Application: 12/08/2002  
(PCT/FR01/00536)

(54) Title of the invention: NEEDLELESS SYRINGE WITH TWO INJECTION SPEED LEVELS

<p>(51) International classification: A61M 5/30</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 00/02633</p> <p>(32) Date : 01/03/2000</p> <p>(33) Name of convention country : FRANCE</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>71) Name of the Applicant:</p> <p>1) SNPE 2) CROSS SITE TECHNOLOGIES</p> <p>Address of the Applicant: 1) 12, QUAI HENRI IV, F-75181 PARIS CEDEX 04, FRANCE 2) 42, RUE DE LONGVIC, F-21300 CHENOVE, FRANCE</p> <p>72) Name of the Inventor:</p> <p>1) ALEXANDRE PATRICK 2) BROUQUIERES BERNARD 3) GAUTIER PHILIPPE 4) ROLLER DENIS</p>
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**(57) Abstract :**

The invention concerns the field of needleless syringes for injecting a liquid active principle. It improves bioavailability by providing injection at two speed levels. The syringe comprises a reservoir (2) contained between an injector (3) and push means subjected to the action of gas generator (7); said push means comprising an end, directed towards the active principle, which forms a delivery head (4) whereof the cross-section is smaller than the powering head (6) cross-section, the powering travel ( $C_1$ ) in the power cylinder (10) being shorter than the height ( $H_1$ ) of the active principle reservoir (2).

Figure : 1.

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01088/MUM A (22) Date of filing of Application: 12/08/2002  
(PCT/US01/05630)

(54) Title of the invention: WATER CONTAINING SOLUBLE FIBER

<p>(51) International classification: A23L 2/54</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 09/510,400</p> <p>(32) Date : 22/02/2000</p> <p>(33) Name of convention country : USA</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>71) Name of the Applicant:</p> <p>STILLMAN SUZANNE JAFFE</p> <p>Address of the Applicant: 264 LINDEN DRIVE, BEVERLY HILLS, CA 90212, U.S.A.</p> <p>72) Name of the Inventor:</p> <p>1) STILLMAN SUZANNE JAFFE</p>

(57) Abstract : A water-like fluid containing safe water and a significant quantity of soluble dietary fiber. The resulting solution is generally optically clear and has physical properties similar to potable water. The fluid is intended as a replacement for bottled, or other water, as a means to ensure proper hydration. Depending on the soluble fiber used the fluid is either non-caloric or extremely low in calories. The amount of soluble fiber is adjusted to a specific amount of water so that consumption of an adequate amount of fluid ensures hydration (e.g., eight 8 oz. Glasses per day) will also providing an optimal amount of dietary fiber. This is particularly valuable in stressed situations where the diet may not provide adequate fiber without supplementation. The constant metered supply of fiber provided throughout the day is preferable to, and more convenient than, "bolus" administration of fiber through laxatives, etc. Additionally, the constant presence of soluble fiber in the digestive tract provides the known beneficial effects of moderating the postprandial increase in blood glucose, modulating serum lipid levels, and suppressing appetite.

Figure : NIL.

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01089/MUM A (22) Date of filing of Application: 07/08/2002  
(PCT/EP01/03725)

(54) Title of the invention: **METHOD FOR THE IMPROVEMENT OF ISLET SIGNALING IN DIABETES MELLITUS AND FOR ITS PREVENTION**

<p>(51) International classification: A61P 3/10</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 60/194,061</p> <p>(32) Date : 31/03/2000</p> <p>(33) Name of convention country : USA</p> <p>(66) Filed U/s. 5(2) : YES</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>71) Name of the Applicant:</p> <p><b>PROBIODRUG GESELLSCHAFT FUR ARZNEIMITTELFORSCHUNG MBH</b></p> <p>Address of the Applicant: <b>WEINBERGWEG 22, 06120 HALLE, GERMANY</b></p> <p>72) Name of the Inventor:</p> <p><b>1) DEMUTH HANS-ULRICH 2) GLUND KONRAD</b></p>

(57) Abstract : The present invention discloses a method for therapeutically treating mammals, including but not limited to humans, to increase the relative insulin producing performance of endogenous pancreatic  $\beta$ -cells and to cause differentiation of pancreatic epithelial cells into insulin producing  $\beta$ -cells. Oral administration of a DP IV inhibitor causes the active form of GLP-I to be preserved longer under physiological conditions. The extended presence of GLP-I, in particular in the pancreatic tissue facilitates differentiation and regeneration of the  $\beta$ -cells already present that are in need of repair. These repaired insulin producing cells can contribute to the correction and maintenance of normal physiological glycemic levels.

Figure : NIL.

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01090/MUM A (22) Date of filing of Application: 13/08/2002  
(PCT/GB01/00736)

(54) Title of the invention: PYRIDINYLMIDAZOLES

(51) International classification: C07D 401/04

(30) Priority Data :

(31) Document No.: 1) 0004053.5  
2) 0015902.0

(32) Date : 1) 21/02/2000  
2) 28/06/2000

(33) Name of convention country : GREAT  
BRITAIN

(66) Filed U/s. 5(2) : YES

(61) Patent of addition to application No.: NIL

(62) Filed on : N.A.

(63) Divisional to Application No.: NIL

(64) Filed on: N.A.

71) Name of the Applicant:

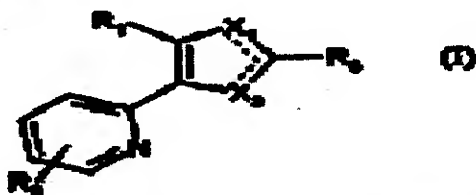
SMITHKLINE BEECHAM P.L.C.

Address of the Applicant:  
NEW HORIZONS COURT,  
BRENTFORD, MIDDLESEX TW8  
9EP, GREAT BRITAIN

72) Name of the Inventor:

1) GASTER LARAMIE MARY  
2) HADLEY MICHAEL STEWART  
3) HARLING JOHN DAVID  
4) HARRINGTON FRANK PETER  
5) HEER JAG PAUL  
6) HEIGHTMAN THOMAS DANIEL

(57) Abstract :



Compounds of formula (I) and pharmaceutically acceptable salts thereof wherein R<sub>1</sub>, R<sub>2</sub> and R<sub>3</sub> represent various functional groups, and one of X<sub>1</sub> and X<sub>2</sub> is N and the other is NR<sub>10</sub>; and their use as pharmaceuticals

Figure : NIL

**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

- (21) **Application No.:** IN/PCT/2002/01091/MUM A (22) **Date of filing of Application:** 13/08/2002  
(54) **Title of the invention:** PROCESS FOR PRODUCING POLYPROPYLENE FROM C<sub>3</sub> OLEFINS SELECTIVELY PRODUCED IN A FLUID CATALYTIC CRACKING PROCESS

<p>(51) <b>International classification:</b> C08F 10/06</p> <p>(30) <b>Priority Data :</b></p> <p>(31) <b>Document No.:</b> 1) 09/517,554 2) 09/517,551 3) 09/517,503 4) 09/517,497</p> <p>(32) <b>Date :</b> 1) 02/03/2000 2) 02/03/2000 3) 02/03/2000 4) 02/03/2000</p> <p>(33) <b>Name of convention country :</b> USA</p> <p>(66) <b>Filed U/s. 5(2) :</b> NO</p> <p>(61) <b>Patent of addition to application No.:</b> NIL</p> <p>(62) <b>Filed on :</b> N.A.</p> <p>(63) <b>Divisional to Application No.:</b> NIL</p> <p>(64) <b>Filed on:</b> N.A.</p>	<p>(71) <b>Name of the Applicant:</b></p> <p><b>EXXONMOBIL CHEMICAL PATENTS, INC.</b></p> <p><b>Address of the Applicant:</b> <b>5200 BAYWAY DRIVE,</b> <b>BAYTOWN, TX 77520-5200,</b> <b>U.S.A.</b></p> <p>(72) <b>Name of the Inventor:</b></p> <p>1) LADWIG PAUL K. 2) ASPLIN JOHN E. 3) STUNTZ GORDON, F. 4) CHEN TAN-JEN</p>
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(57) **Abstract :** A process for producing polymers from olefins selectively produced from a catalytically cracked or thermally cracked naphtha stream is disclosed herein. The naphtha stream is introduced into a process unit comprised of reaction zone, a stripping zone, a catalyst regeneration zone, and a fractionation zone. The naphtha feedstream is contacted in the reaction zone with a catalyst containing from about 10 to 50 wt. % of a crystalline zeolite having an average pore diameter less than about 0.7 nanometers at reaction conditions which include temperatures ranging from about 500° to 650°C and hydrocarbon partial pressure from about 10 to 40 psia. Vapor products are collected overhead and the catalyst particles are passed through the stripping zone on the way to the catalyst regeneration zone. Volatiles are stripped with stream in the stripping zone and the catalyst particles are sent to the catalyst regeneration zone where coke is burned from the catalyst, which is then recycled to the reaction zone. Overhead products from the reaction zone are passed to a fractionation zone where a stream of C<sub>3</sub> product is recovered and a stream rich in C<sub>4</sub> and/or C<sub>5</sub> olefins is recycled to the stripping zone. The olefins can be further processed and polymerized to form a variety of polymer materials.

**Figure :** NIL.

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01092/MUM A (22) Date of filing of Application: 13/08/2002  
(PCT/US01/04095)

(54) Title of the invention: A METHOD FOR SYNTHESIZING LEFLUNOMIDE

(51) International classification: A61K 31/42	71) Name of the Applicant:
(30) Priority Data :	TEVA PHARMACEUTICAL INDUSTRIES LTD.
(31) Document No.: 60/182,635	Address of the Applicant:
(32) Date : 15/02/2000	5 BASEL STREET, P.O.BOX
(33) Name of convention country : USA	3190, 49131 PETAH TIQVA,
(66) Filed U/s. 5(2) : NO	ISREAL
(61) Patent of addition to application No.: NIL	72) Name of the Inventor:
(62) Filed on : N.A.	1) AVRUTOV ILYA
(63) Divisional to Application No.: NIL	2) GERSHON NEOMI
(64) Filed on: N.A.	3) LIBERMAN ANITA

(57) Abstract : A process for synthesizing leflunomide from 5-methylisoxazole-4-carboxylic acid and 4-trifluoromethylaniline is provided. Further provided is the leflunomide prepared by the inventive process, which is substantially free of difficult-to-separate impurities often found in leflunomide prepared by known methods, including N-(4-trifluoromethylphenyl)-2-cyano-3-hydroxycrotonamide, 5-methyl-N-(4-methylphenyl)-isoxazole-4-carboxamide and N-(4-trifluoromethylphenyl)-3-methylisoxazole-4-carboxamide. The invention further provides pharmaceutical compositions and dosage forms containing highly pure leflunomide and methods of treating disease using the leflunomide.

Figure : NIL.

**Publication After 18 months**

The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application No.: **IN/PCT/2002/01093/MUM A** (22) Date of filing of Application: **13/08/2002**  
(PCT/US01/06455)

(54) Title of the invention: **NANOCAPSULE ENCAPSULATION SYSTEM AND METHOD**

(51) International classification: **A61K 49/00**

(30) Priority Data :

(31) Document No.: **60/185,282**

(32) Date : **28/02/2000**

(33) Name of convention country : **USA**

(66) Filed U/s. 5(2) : **NO**

(61) Patent of addition to application No.: **NIL**

(62) Filed on : **N.A.**

(63) Divisional to Application No.: **NIL**

(64) Filed on: **N.A.**

71) Name of the Applicant:

**GENESEGUES, INC**

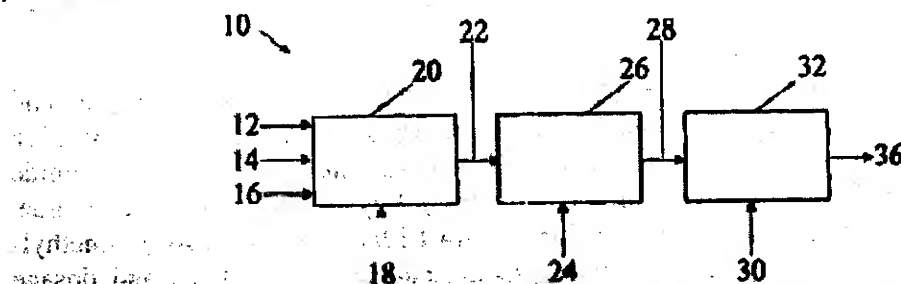
Address of the Applicant:

**3180 HIGH POINT DRIVE,  
CHASKA MN 55318, U.S.A.**

72) Name of the Inventor:

**1) UNGER GRETCHEN M.**

(57) Abstract :



The present invention generally relates to nanocapsules and methods of preparing these nanocapsules. The present invention includes of forming a surfactant micelle and dispersing the surfactant micelle into a aqueous composition having a hydrophilic polymer to form a stabilized dispersion of surfactant micelles. The method further includes mechanically forming droplets of the stabilized dispersion of surfactant micelles, precipitating the hydrophilic polymer to form precipitated nanocapsules, incubating the nanocapsules to reduce a diameter of the nanocapsules, and filtering or centrifuging the nanocapsules.

Figure : **NIL.**



**Publication After 18 months**

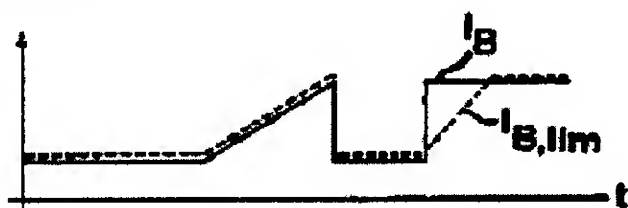
The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: **IN/PCT/2002/01094/MUM A** (22) Date of filing of Application: **13/08/2002**  
(PCT/SE01/00337)

(54) Title of the invention: **A METHOD AND A DEVICE FOR CHARGING A BATTERY**

<p>(51) International classification: <b>H02J 7/04</b></p> <p>(30) Priority Data :</p> <p>(31) Document No.: <b>0000641-1</b></p> <p>(32) Date : <b>28/02/2000</b></p> <p>(33) Name of convention country : <b>GERMANY</b></p> <p>(66) Filed U/s. 5(2) : <b>NO</b></p> <p>(61) Patent of addition to application No.: <b>NIL</b></p> <p>(62) Filed on : <b>N.A.</b></p> <p>(63) Divisional to Application No.: <b>NIL</b></p> <p>(64) Filed on: <b>N.A.</b></p>	<p>71) Name of the Applicant:</p> <p><b>DAIMLERCHRYSLER AG</b></p> <p>Address of the Applicant: <b>EPPLESTRASSE 225, 70567 STUTTGART, GERMANY</b></p> <p>72) Name of the Inventor:</p> <p><b>1) LJUNGGREN BENNY</b></p>
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(57) Abstract :



A device for charging a battery comprises an alternating current source, a rectifier being connected with its input to the alternating current source and being connected with its output to the battery for charging thereof. It also has a member for measuring the charging current from the rectifier to the battery and a means (13) for comparing the measured charging current with a current limit value and an arrangement adapted to control the voltage on the output of the rectifier based on information about said comparison and decrease it if the measured current exceeds the current limit value for reduction of the charging current. A unit (23, 28, 30) is adapted to form the current limit value by comparing a current value formed by the value of said measured charging current with a restriction on its positive rise speed with a predetermined maximum current limit value, and to determine the lowest of the so obtained current value and said maximum current limit value as said current limit value for the comparison of said means (13).

Figure : 6.

**Publication After 18 months**

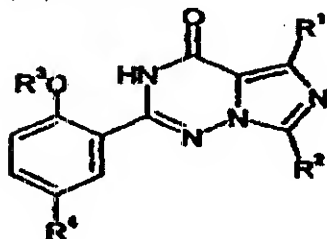
The following Patent application have been published under Section 11 A of the Patents (Amendment) Act, 2002.

(21) Application No.: IN/PCT/2002/01095/MUM A (22) Date of filing of Application: 13/08/2002  
(PCT/EP01/01871)

(54) Title of the invention: NOVEL IMIDAZOTRIAZINONES AND THE USE THEREOF

<p>(51) International classification: C07D 487/04</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 100 10 067.8</p> <p>(32) Date : 02/03/2000</p> <p>(33) Name of convention country : GERMANY</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>71) Name of the Applicant:</p> <p><b>BAYER AKTIENGESELLSCHAFT</b></p> <p>Address of the Applicant: <b>51368 LEVERKUSEN, GERMANY</b></p> <p>72) Name of the Inventor:</p> <p>1) NIEWOHNER ULRICH 2) ES-SAYED MAZEN 3) LAMPE THOMAS 4) HANING HELMUT 5) SCHMIDT GUNTER 6) SCHLEMMER KARL-HEINZ 7) BISCHOFF ERWIN 8) DEMBOWSKY KLAUS 9) PERZBORN ELISABETH</p>

(57) Abstract :



Novel imidazotriazinones of general formula (I), a method for the production and the pharmaceutical use thereof are disclosed.

Figure : NIL.

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01096/MUM A (22) Date of filing of Application: 14/08/2002  
(PCT/US01/06684)

(54) Title of the invention: **PROCESS FOR PRODUCING POLYPROPYLENE FROM C<sub>3</sub> OLEFINS SELECTIVELY PRODUCED IN A FLUID CATALYTIC CRACKING PROCESS**

<p>(51) International classification: C08F 10/06</p> <p>(30) Priority Data :</p> <p>(31) Document No.: 1) 09/517,554 2) 09/517,551 3) 09/517,503 4) 09/517,497</p> <p>(32) Date : 1) 02/03/2000 2) 02/03/2000 3) 02/03/2000 4) 02/03/2000</p> <p>(33) Name of convention country : USA</p> <p>(66) Filed U/s. 5(2) : NO</p> <p>(61) Patent of addition to application No.: NIL</p> <p>(62) Filed on : N.A.</p> <p>(63) Divisional to Application No.: NIL</p> <p>(64) Filed on: N.A.</p>	<p>71) Name of the Applicant:</p> <p><b>EXXONMOBIL CHEMICAL PATENTS</b></p> <p>Address of the Applicant:</p> <p><b>P.O. BOX 2149, BAYTOWN, TX 77522-2149, U.S.A.</b></p> <p>72) Name of the Inventor:</p> <p>1) LADWIG PAUL K. 2) ASHWIN JOHN E. 3) STUNTZ GORDON F. 4) WACHTER WILLIAM A. 5) HENRY B. ERIK.</p>
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(57) Abstract : A process for producing polypropylene from olefins selectively produced from a catalytically cracked or thermally cracked naphtha stream is disclosed herein. The naphtha stream is contacted with a catalyst containing from about 10 to 50 wt. % of a crystalline zeolite having an average pore diameter less than about 0.7 nanometers at reaction conditions which include temperatures from about 500°C to 650°C and a hydrocarbon partial pressure from about 10 to 40 psia.

Figure : NIL.

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01097/MUM (PCT/GB01/00764)	A (22) Date of filing of Application: 14/08/2002
(54) Title of the invention: PROCESS FOR THE PREPARATION OF PHOSPHOROTHIOATE TRIESTERS	
(51) International classification: C07H 21/00 (30) Priority Data : (31) Document No.: 0004889.2 (32) Date : 01/03/2000 (33) Name of convention country : GREAT BRITAIN (66) Filed U/s. 5(2) : NO (61) Patent of addition to application No.: NIL (62) Filed on : N.A. (63) Divisional to Application No.: NIL (64) Filed on: N.A.	71) Name of the Applicant:  <b>AVECIA LIMITED</b>  Address of the Applicant: <b>HEXAGON HOUSE, BLACKLEY  MANCHESTER M9 8ZS, GREAT  BRITAIN</b>  72) Name of the Inventor:  <b>1) REESE COLIN BERNARD</b>

(57) Abstract : A process for the synthesis of a phosphorothioate triester is provided. The process comprises the coupling of an H-phosphonate with an alcohol in the presence of a solution comprising both a coupling agent and a sulfur transfer agent. Preferably, the H-phosphonate and alcohol are protected nucleosides or oligonucleotides.

Figure : NIL.

**Publication After 18 months**

The following Patent application have been published under Section 11A of the Patents (Amendment) Act, 2002

(21) Application No.: IN/PCT/2002/01098/MUM A (22) Date of filing of Application: 14/08/2002  
(PCT/IN00/00016)

(54) Title of the invention: ORALLY ADMINISTRABLE ACID STABLE ANTI-ULCER BENZIMIDAZOLE DERIVATIVES

(51) International classification: A61K 31/4184	71) Name of the Applicant:  KOPRAN RESEARCH LABORATORIES LIMITED  Address of the Applicant: PARIJAT HOUSE, 1076 DR. E. MOSES ROAD, WORLI, MUMBAI 400 018, MAHARASHTRA, INDIA
(30) Priority Data :	
(31) Document No.: NIL	
(32) Date : N.A.	
(33) Name of convention country : NIL	
(66) Filed U/s. 5(2) : NO	
(61) Patent of addition to application No.: NIL	72) Name of the Inventor:  1) MALI SUBHASH 2) GUPTE RAJAN 3) DESHPANDE JAYANT 4) RANBIHAN KAMLESH
(62) Filed on : N.A.	
(63) Divisional to Application No.: NIL	
(64) Filed on: N.A.	

(57) Abstract : Orally administrable acid stable anti-ulcer benzimidazole derivatives which are polymer based. The process of preparation comprises condensing a benzimidazole with a biocompatible partially orally biodegradable synthetic cross linked polymer in aqueous medium at 5-80°C and pH 4-11 under inert atmosphere. The weight percentage of benzimidazole with respect to the polymeric benzimidazole is 1-50. The reaction mixture is cooled and the product is isolated and dried at 25-45°C. There is also provided a formulation of the polymeric benzimidazoles in combination with pharmaceutically acceptable excipients.

Figure : NIL.

**ALTERATION OF DATE UNDER SECTION—16**

192888 (250/MAS/2001) ANTE-DATED TO 03-05-1995.

192900 (560/MAS/1997) ANTE-DATED TO 25-11-1992.

**अभिगृहित पूर्ण विनिर्देश**

एतद्वारा सूचना दी जाती है कि आवेदनों में किसी पर पेटेंट अनुदान का विरोध करने वाले इच्छुक व्यक्ति राजपत्र के इस निर्गमन की तिथि से चार महीने के भीतर या उक्त चार महीने की समाप्ति के पूर्व, प्ररूप 4 में यदि आवेदित किया हुआ हो, तो परवर्ती एक महीने के भीतर, किसी समय, नियंत्रक, पेटेंट को ऐसे विरोध की सूचना प्ररूप 7 में उपयुक्त कार्यालय में दे सकते हैं। विरोध का लिखित कथन साक्ष्य के साथ, यदि कोई हो, दो प्रतियों में उक्त सूचना के साथ या अगले दो महीने की अवधि के भीतर दाखिल किया जाए। इस संदर्भ में, यथा संशोधित पेटेंट अधिनियम, 1970 की धारा 25 एवं पेटेंट नियम, 2003 के नियम 55 से 57 का अवलोकन किया जा सकता है।

उपयुक्त कार्यालय द्वारा विनिर्देश एवं चित्र आरेख, यदि हो, के छयाप्रति की आपूर्ति छयाप्रति शुल्क के रूप में प्रति पृष्ठ रु. 4/- की अदायगी पर की जा सकती है।

**COMPLETE SPECIFICATION ACCEPTED**

Notice is hereby given that any person interested in opposing the grant of a Patent on any of the Applications, may, at any time within four months from the date of this issue of Gazette or within further period of one month if applied for in Form 4 before the expiry of the said period of four months, give notice to the Controller of Patents at the Appropriate Office on Form 7 of such opposition. The Written Statement of Opposition accompanied by evidence, if any, should be filed in duplicate alongwith the said notice or within further period of two months. Section 25 of The Patents Act, 1970 as amended and Rules 55 to 57 of The Patents Rules, 2003 may be referred to in this regard.

Photo copies of the specification and drawings, if any, can be supplied by the Appropriate Office on payment of photocopying charges @ Rs. 4/- per page.

Indian Classification	182 D	192871
International Classification <sup>7</sup>	C 13D 3/00	
Title	"A PROCESS FOR PREPARING AN IMPROVED SUGAR PRODUCT"	
Applicant	PRAXAIR TECHNOLOGY, INC., of 39 Old Ridgebury Road, Danbury, State of Connecticut 06810-5113, United States of America and DULCINI S/A, Technology Licensors, a corporation organized and existing under the laws of the Republic Federative of Brazil, having an office at Via Anhanguera, km 123, Americana, Sao Paulo, Brazil.	
Inventors	PHILIPPE GEORGES CHAPLET - French JORGE LUIZ COLODETTE - BRAZILIAN CARLOS ROBERTO XAVIER - BRAZILIAN JULIO CESAR MASCIOLI - BRAZILIAN	
Kind of Application	COMPLETE	
Application for Patent Number	789/del/2001	filed on 24/7/2001

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi Branch - 110 008.

(Claims 6)

A process for preparing an improved sugar product comprising - (a1) injecting ozone for upto 5 minutes into a raw sugar solution having color of 50 to 1,000 Icumsa units and a concentration of 10 to 70 Brix, wherein said raw sugar solution contains particles imparting color to the solution, while imparting agitation to the solution effective to reduce the size of said color-imparting particles into smaller particles, and then - (a2) discontinuing said injection, but continuing said agitation for a period of time for upto 10 minutes excess of the duration of step (a1), wherein said smaller particles react with ozone, and - (b) optionally repeating steps (a1) and (a2) wherein the solution is at no point subjected to a precipitation or carbonation step wherein the temperature of the solution is 50 to 80°C and pH of the solution is maintained at 6.5 to 7.5 to get the desired product.

Complete Specification	No of Pages	20	Drawings Sheets	NIL
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Indian Classification	:-	55D2	192872
International Classification <sup>7</sup>	:-	A 01N 063/00	
Title	:-	"A PROCESS FOR THE PRODUCTION OF MOSQUITOCIDAL COMPOUND"	
Applicant	:-	INDIAN COUNCIL OF MEDICAL RESEARCH, an Indian Institute Ansari Nagar, New Delhi - 110 029.	
Inventors	:-	KOTHANDAPANI - BALARAMAN - INDIAN IRUDAVARAJ - GEETHA - INDIAN GNANASAMBANDAM - PRABAKARAN - INDIAN VIJAYARAGHAVAN - PADMANABHAN - INDIAN KUMMANKOTTIL PAILY PAILY - INDIAN SUGEERAPIA LAXMANAPPA HOTI - INDIAN	
Kind of Application	:-	COMPLETE	
Application for Patent Number		179/del/2001	filed on 22/2/2001

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi Branch - 110 008.

( Claims 6 )

A process for production of mosquitoicidal formulation which comprises preparation of slant culture using bacterium *Pseudomonas fluorescens* maintained on Glucose, Peptone and Salts (GPS) agar medium, preparing seed from slant culture through two stages as herein described, inoculating soya medium as herein described with second stage seed at 2-6% level, subjecting the medium to the step of fermentation as herein described, heating the culture at 80-120°C for 2-10 minutes, centrifuging the culture at 20,000rpm at 25-30°C, precipitating the cell free supernatant with 40-70% ammonium sulphate, preparing culture filtrate precipitate by centrifugation at 10,000rpm at 25-30°C for about 10 minutes and preparing the formulation of the invention by taking the ingredients per litre as 40g of sodium alginate, 2g of sodium benzoate, 1g of citric acid, 100ml of liquid paraffin, 200ml of glycerol and 700ml of said culture filtrate precipitate-wherein said two stage preparation of seed comprises first stage of inoculating of 30-100ml of soya medium with one loopful of culture grown at 100-300 rpm at 25-32°C for 8-24 hours and second stage comprises transferring of 30-100 micro litre of first stage seed to 250-750ml of soya medium grown at 100-300 rpm at 25-32°C for 5-11 hours, and wherein further said fermentation is carried out for 24-72 hours at 25-32°C keeping pH between 5.5-8.5 and dissolved oxygen 25-60% saturation, agitation at 100-300 rpm and controlling foam by adding anti-foam agent selected from groundnut oil and sesame oil.



Indian Classification	:	55 E	192873
International Classification <sup>7</sup>	:	A61K 31/14	
Title	:	"A PROCESS FOR PREPARING A SYNERGISTIC HERBAL PHARMACEUTICAL COMPOSITION."	
Applicant	:	SQUIRES Meryl JOAN, a U.S. citizen, of 2 Goose Lake Drive Barrington Illinois 60010, U.S.A.	
Inventors	:	SQUIRES MERYL JOAN – U.S.	
Kind of Application	:	Complete	

Application for Patent Number 503/Del/2001 filed on 17<sup>th</sup> April 2001.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003)  
Patent Office Branch, New Delhi – 110 008.

( 8 Claims )

A process for preparing a synergistic herbal pharmaceutical composition comprising:

- blending from 40% to 60% by wt. of an extracts from the herbs of the genus *Commiphora* and *Echniacea* with
- from 2% to 12% by weight of a nutrient including folic acid
- the ratio of *Commiphora* and *Echniacea* ranging from 1:2 to 1:4.

and the balance if desired, adding .02% to less than 0.26% surfactant of the kind as herein described and water.

(Complete Specification 87 Pages Drawings Nil Sheet)

Indian Classification : 32 C 192874

International Classification<sup>7</sup> : A61K 038/57; C07K 014/81

Title : "A PROCESS FOR THE PREPARATION OF SYNTHETIC BIKUNIN."

Applicant : BAYER CORPORATION, of 400 Morgan Lane,  
West Haven, Connecticut 06516-4175, United States  
of America.

Inventors : PAUL PERRY TAMBURINI - BRITISH  
GARY DAVIS-U.S.  
KATHERINE ANNE DELARIA - U.S.  
CHRISTOPHER WARD MARLOR -U.S.  
DANIEL KARL MULLER - U.S.

Kind of Application : Convention-Complete

Application for Patent Number 601/Del/ 97 filed on 11<sup>th</sup> Mar. 1997.  
Convention date 11.3.1996; 14.6.96; 4.10.96/ 60/013,106; 60/019,793;  
08/725,251;U.S.A.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003)  
Patent Office Branch, New Delhi - 110 008.

( 8 Claims )

A process for preparing synthetic bikun protein or a fragment thereof which comprises preloading in any known manner a Gln resin of a conventional type, such as Wang, with a conventional excess of amino acid, such as between 2-fold and 20-fold for each coupling to obtain a peptide; elevating and deprotecting said peptide by the use of a conventional solution, such as trifluoroacetic acid; precipitating and washing said peptide in the presence of a conventional reagent, such as t-butyl methyl ether; purifying said peptide in any known manner; and refolding said peptide in any known manner in order to achieve the proper tertiary structure for activity, to obtain said synthetic bikunin.

(Complete Specification 68 Pages ; Drawings 41 Sheets)

Indian Classification	:	55 F	192875
International Classification <sup>7</sup>	:	C12Q 1/37	
Title	:	"A PROCESS OF COATING ELISA PLATES WITH A NOVEL ANTIGEN MIXTURE OF INDIAN SUBTYPE C HIV-1 (GP 120/GP 41) AND HIV-2 (GP 36) ENVELOPE COMPONENTS AND HIV-1 VIRUS LYSATE."	
Applicant	:	ALL INDIA INSTITUTE OF MEDICAL SCIENCE, ANSARI NAGAR, New Delhi, statutory body under the Act of Parliament.	
Inventors	:	PRADEEP SETH - INDIAN	
Kind of Application	:	Provisional - Complete	

Application for Patent Number 822/Del/97 filed on 31<sup>st</sup> March 97.  
Complete left after provisional on 31.3.98.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003)  
Patent Office Branch, New Delhi - 110 008.

( 2 Claims )

A process of coating ELISA plates with a novel antigen mixture of Indian subtype C HIV-1 (gp120/gp41) and HIV-2(gp36) envelope components and HIV-1 virus lysate, the components of the antigen mixture being peptides GP36/HIV-2 (AC-NSWGCAFRQVC-OH), GP120/HIV-1C (AC-VEIKPLGVAPTAAKRRVVQR-OH), GP41/HIV-1/C (AC-KDQQLLGIWGCSGKLICTTAVPWNSS-OH), comprising the steps of -

- a) obtaining each peptide by chemical reaction in vitro by conventional manner;
- b) each peptide is purified and dried to get a powder;

- c) the powder form of each peptide is weighed in an electronic microbalance and dissolved in ethanol to a concentration of 1 milligram per milliliter;
- d) human immunodeficiency virus type 1 (HIV-1) (from human cell lines) lysed with 4-(1,1,3,3-tetramethylbutyl) phenylpolyethylene glycol,
- e) the peptides and virus lysates are mixed in coating buffer (carbonate-bicarbonate buffer, pH 9.6) to a final concentration of 1000 nanograms of each peptide and 30 nanograms of virus lysate in 100 microliters of the buffer;
- f) 100 microliters of this mixture is added to each well of a 96-well micro ELISA plate and incubated at 37°C for 1 hour in a humid chamber with 60-80% humidity;
- g) the contents from each well of ELISA plate is aspirated at the end of incubation period and the plate is dried in vacuum;
- h) 0.8% bovine serum albumin in phosphate buffered saline (pH 7.4) is added to each well of the 96 well ELISA plate and incubated in an ambient temperature of 25° – 30°
- i) the ELISA plate are dried in vacuum at ambient temperature of 25° C to 30°C and stored at 4° C in a sealed container.

(Provisional Specification 5 Pages Drawings Nil Sheet)  
(Complete Specification 11 Pages Drawings Nil Sheet)

Indian Classification	:	83 A1	192876
International Classification <sup>7</sup>	:	A21D 13/6	
Title	:	"A PROCESS FOR PREPARATION OF SOLUBLE FIBRE ENRICHED BAKED PRODUCT FOR REDUCING BLOOD-SUGAR AND BLOOD CHOLESTROL."	
Applicant	:	THE CHIEF CONTROLLER RESEARCH & DEVELOPMENT, MINISTRY OF DEFENCE, GOVT. OF INDIA, B-341, SENA BHAWAN, DHQ P.O. NEW DELHI- 110011, AND INDIAN NATIONAL.	
Inventors	:	FARHATH KHANUM SUDARSHANA KRISHNA KADAMBI RAGHAVAN SIDDALINGA SWAMY MAHADEV APPA VISWANATHAN KALLIKADAVIL RAMAN - ALL INDIANS	
Kind of Application	:	Complete	

Application for Patent Number 602/Del/2000 filed on 20<sup>th</sup> June 2000.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003)  
Patent Office Branch, New Delhi - 110 008.

( 13 Claims )

A process for preparation of soluble fibre enriched baked product for reducing blood-sugar and blood cholestrol wherein the process involves the following steps:

- (a) preparing dough by mixing thoroughly 35 to 45% by weight of white flour, 5 to 15% by weight of soluble fibre isabgol, 22 to 30% by weight of carbohydrates, 10 to 15% by weight of vegetable oil, 8 to 12% by weight of egg powder, 1 to 3% by weight of skimmed milk powder, 1.8 to 2% of soy proteins, 0.15 to 0.25% by weight of baking powder, 0.5 to 0.8% of ammonium bicarbonate and 0.02 to 0.05% by weight of an essence and 9-11% by weight of water;
- (b) rolling of dough into flat sheets or extruding into desired shapes by known manner.
- (c) baking by known manner at temperatures of 180 to 200°C.

(Complete Specification 8 Pages Drawings Nil Sheet)

Indian Classification : 70 C 7 192877  
International Classification : C 25 B 3/04  
Title : "A PROCESS FOR THE PREPARATION  
OF 4-(DES-DIMETHYLAMINO)-  
TETRACYCLINES".  
Applicant : HOVIONE INTER LTD., of Muenzgasse, 1, CH-6000  
Lucerne-7, Switzerland.  
Inventors : WILLIAM HEGGIE-UK  
JOSE GALLINDRO- PORTUGUESE  
PEDRO SANTOS- PORTUGUESE  
LUIS CARVALHO- PORTUGUESE  
Kind of Application : CONVENTION/COMPLETE

Application for Patent Number 555/del/99 filed on 9.4.99.  
CONVENTION APPLICATION NO. 102.160/PORTUGAL/26.5.98

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office  
Branch, New Delhi – 110 005.

(8 Claims)

A process for the preparation of a 4-(des-dimethylamino)-tetracyclines by reduction of an ammonium salt of a terracycline, characterized in that the reduction is effected electrochemically in the presence of an electrolyte of the kind such as herein described at a temperature of 10-40°C by applying a direct current of 0.5 to 1.5 volts wherein the pH of the aqueous electrolyte solution is 0.5 to 5.0.

(COMPLETE SPECIFICATION 12 PAGES

DRAWING SHEET-NIL)

Indian Classification	-	155D	192878
International Classification <sup>7</sup>	-	D 0H 7/00, D 21B 1/00	
Title	-	"APPARATUS FOR THE COMMINATION OF SHEETS OF WOOD PULP FEEDSTOCK INTO PLATELETS OF SAID FEEDSTOCK"	
Applicant	-	TENECAL LIMITED, Formerly known as COURTAULDS FIBRES (HOLDINGS) LIMITED, of 1 Holme Lane, Spondon, Derby, Derbyshire DE21 7BP, United Kingdom, formerly of 50 George Street, London W 1A 2BB, England.	
Inventors	-	GARY EDWARD GEORGE GRAY – ENGLAND IAIN RICHARD JACK – ENGLAND.	
Kind of Application	-	COMPLETE	
Application for Patent Number	487/del/1994	filed on	25.4.1994

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Parent Office, New Delhi Branch - 110 008.

( Claims 6 )

Apparatus for the comminution of sheets of wood pulp feedstock into platelets of said feedstock suitable for the preparation subsequently of a premix of uniform consistency employable as a spinning solution for creating cellulosic fibres, film or tube, which apparatus comprises a receptacle (11) for receiving the feedstock (28, 38) to be shredded from a feed source (20, 30) thereof and conveying in to shredding means located within said receptacle (11), characterized in that said shredding means comprises first and second rows (13a, 13b) of contra-rotating disc cutters (14) and interdigitated disc spacers (15) forming therebetween a nip constituting a cutting area (12), at least one row of said disc cutters (14) being provided with hocks (14a) to drag said sheets (28, 38) between the rows of cutters (14) and tear platelets (40) having no significant edge compression thereon out of said sheets and pass the torn platelets through said nip to be conveyed pneumatically by a rotary fan (50) provided downstream of said cutters (14), said fan having a bladed rotor turnably mounted in a casing, said rotor generating pneumatic flows to draw the torn platelets (40) from said nip into and through said casing to agitate said platelets (40) and separate any torn pieces adhering together, and cause said separated platelets to pass through an outlet in said receptacle (11) to be collected for subsequent employment.

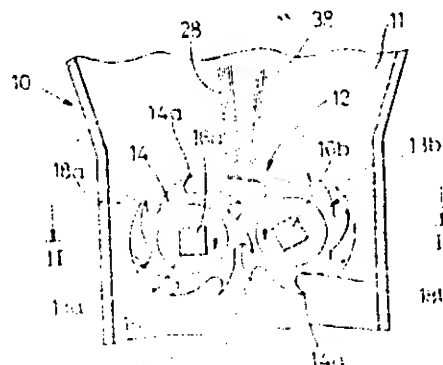


Fig. 1

Complete Specification	No of Pages	15
Drawings Sheets	3	

Indian Classification : 206 F 192879  
 International Classification : H 03K 19/00  
 Title : "A FORWARD ERROR CORRECTION DECODER DEVICE FOR CORRECTING UPTO TWO ERRORS AND DETECTING THREE ERRORS USING MODIFIED RATE 7/8 BCH (128, 112) CODING SCHEME IN A SATELLITE COMMUNICATION SYSTEM"  
 Applicant : CENTRE FOR DEVELOPMENT OF TELEMATICS of 9<sup>th</sup> Floor, Akbar Bhawan, Chanakya-puri, New Delhi - 110 021, India.  
 Inventors : TANAY KRISHNA - INDIAN.  
 Kind of Application : COMPLETE.

Application for Patent Number 1696/DEL/94 filed on 28.12.94.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi - 110 008.

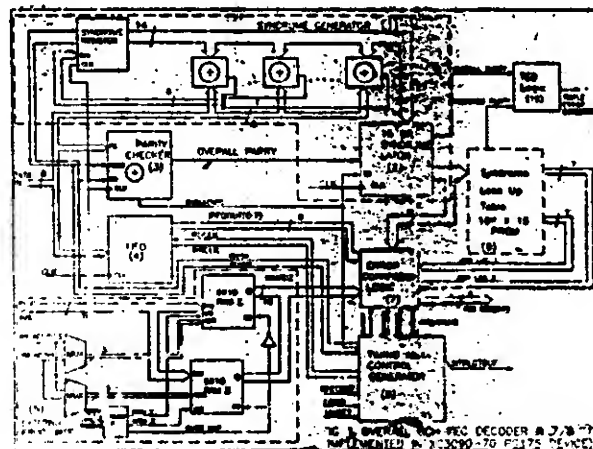
(10 Claims)

A forward Error Correction (FEC) Decoder Device for correcting upto two errors and detecting three errors using modified rate 7/8 BCH (128, 112) coding scheme in a satellite communication system comprising of:

- a FIFO BUFFER register to store incoming data bytes that is connected to Error Correction Logic module where the correction of data bits (DEC) is carried out and corrected data is sent out for further communication processing,
- a parity checker module to calculate overall parity of incoming data of every block of 16 byte,
- a syndrome generator module for generating 14 bit syndrome for every 16 byte block of incoming data,
- an external processor interface having internal memory for storing upto 6 subburst sizes of 10-bit byte,
- the said internal memory has at least two RAMs configured to contain available transmit subburst sizes connected through 10-bit processor data bus and 3-bit WR ADDRESS bus,
- 2-bit (CNTRL\_ADR) control address bus and CHIPENB signal (enables the device) connected to said RAM, facilitates writing onto one of the RAMs on (R/W) pulse.
- CNTRL\_ADR bus connected to said RAM, enables the other RAM for writing a future traffic plan, the said RAMs operate alternatively to handle the traffic plan hitlessly.
- The output of said RAMs is connected to timing and control generator module for generating the control signal sequences to be fed to the syndrome latch of said syndrome generator, FIFO, BUFFER and Error Correction Logic in the following manner:
- FECON and REGRST signals connected to syndrome register to enable and reset/start the syndrome calculations,
- RXBLKCNTC signal connected to syndrome latch of the syndrome generator for resetting the said register after every 128 bits (16 bytes),
- WRCLK and RDCLK signals connected to FIFO BUFFER for proper controlling of data for appropriate correction of data,
- control signals connected to the error correction logic means, and
- said syndrome generator is connected to syndrome lookup table for facilitating error correction and decoding through error correction logic means.

Agent: THE ACME COMPANY

Complete Specification Pages - 15 Drawing sheets - 2)



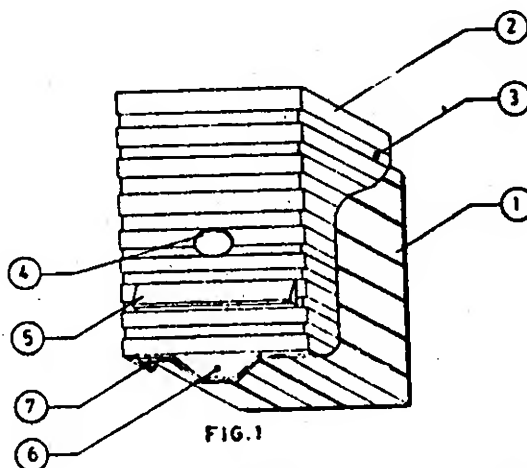


Indian Classification	:-	23 F	192880
International Classification <sup>7</sup>	:-	A47G 29/30	
Title	:-	"A Letter Box."	
Applicant	:-	K.G. M. Associates, an Indian company, of 12/16 Sarvapriya vihar, New Delhi-110016, INDIA.	
Inventors	:-	PRAHLAD SARAN GUPTA -INDIA.	
Kind of Application	:-	COMPLETE	
Application for Patent Number	88/Del/1996	filed on	15/01/1996

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office, New Delhi Branch - 110 008.

( Claims 6 )

A letter box made of plastic/fiberglass/metal comprising a base housing, an outer cover having protruding edges or projections attached to the two side walls and top wall covering partially the side walls and top wall of the said housing, matching projections having conforming holes provided in the bottom wall of the said housing box and outer cover for providing extra locking means, movable coupling means provided between the base housing and outer cover to enable the outer cover to move circularly, a horizontal slot provided near the top or bottom edge of the said outercover to insert letter and self locking means provided between the said base housing and outer cover to enable the cover to be tightly fixed when in closed position.



Complete Specification

No of Pages

08

Drawings Sheets

03

Ind. Cl.	170 A	192881
Int Cl <sup>4</sup> :	C 11 D 1/08	

"A PROCESS FOR MANUFACTURING A DETERGENT BUILDER"

APPLICANT(S) : NIPPON SHOKUBAI CO., LTD.  
OF 1-1, KORAIBASHI 4-CHOME  
CHUO-KU, OSAKA-SHI  
OSAKA 541, JAPAN  
A CORPORATION ORGANISED AND  
EXISTING UNDER THE LAWS OF JAPAN.

INVENTOR(S) : 1. SHIGERU YAMAGUCHI  
2. YOSHIHIRO MAEDA

Application No. 346 MAS 96 filed on 5-Mar-96

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4 , PATENTS RULES, 2003),PATENT OFFICE, CHENNAI BRANCH.  
8 CLAIMS

A process for manufacturing a detergent builder which is a maleic acid copolymer having an average molecular weight in the range of 5,000 to 1,000,000 comprising the step of copolymerising maleic acid and/or a salt thereof with a water soluble ethylenically unsaturated monomer wherein the molar ratio of maleic acid/salt to the water soluble ethylenically unsaturated monomer is in the range from 90/10 to 10/90 in the presence of hydrogen peroxide and persulfate as polymerization initiator wherein at least 70% of the total amount of maleic acid/salt monomer is placed in the reaction vessel before copolymerisation is initiated and recovering a copolymer having an average weight of 5,000 to 1,000,000 from the reaction mixture.

COMP. SPECN.: 94 PAGES DRAWINGS: 1 SHEET.

Ind.Cl.:32 A<sub>1</sub>.

192882

Int.Cl.<sup>4</sup>:C 09 B 62/507.

" A PROCESS FOR THE PREPARATION OF THE REACTIVE DYE".

Applicant: BASF AKTIENGESELLSCHAFT  
 A german Joint Stock Company organised and  
 existing under the laws of the federal republic of germany,  
 67056, Ludwigshafen, Federal Republic of  
 GERMANY.

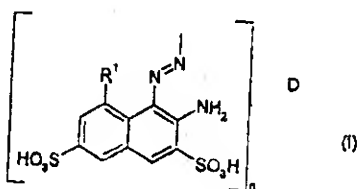
Inventors: 1. MANFRED PATSCH;  
 2. HEIKE KILBURG;  
 3. ANDREA ZAMPONI.

Application No486/MAS/96. filed on 26-Mar-96.

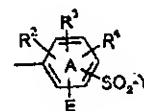
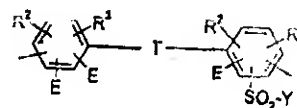
Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)  
 Patent Office, Chennai Branch.

### 8. Claims

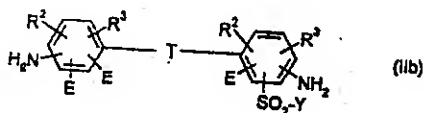
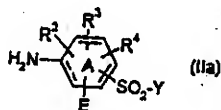
A process for the preparation of a reactive dye of the formula I.



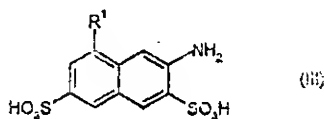
Wherein

 $n$  is 1 or 2, $\text{R}^1$  is hydrogen or hydroxyl, $\text{D}$  is, when  $n$  is 1, is a radical of the formulaor, when  $n$  is 2, is a radical of the formula

wherein ring A can be benzo-fused,  $R^2$ ,  $R^3$  and  $R^4$  are each, independently of one another, hydrogen,  $C_1$ - $C_4$ -alkyl,  $C_1$ - $C_4$ -alkoxy, halogen or hydroxysulfonyl, E is hydrogen, a heterocyclic anchor radical or an anchor from the aliphatic series, Y is vinyl or a radical of the formula  $C_2H_4-Q$  where Q is a group which can be eliminated under alkaline conditions, and T is a linker, with the proviso that, when n is 1,  $R^1$  is hydroxyl and  $R^2$ ,  $R^3$  and  $R^4$  are each hydrogen, E is neither hydrogen nor a radical of the formula  $SO_2-Y$ ,  $W^1-SO_2-Y$  or  $CONX-W^1-SO_2-Y$  where Y has in each case the above mentioned meaning, and  $W^1$  is in each case  $C_1$ - $C_4$ -alkylene and X is hydrogen or  $C_1$ - $C_4$ -alkyl, which process comprising diazotizing an aniline of the formula IIa by a method known per se or tetrazotizing an aniline of the formula IIb by a method per se



Wherein ring A,  $R^2$ ,  $R^3$ ,  $R^4$ , E, Y and T each have the above mentioned meanings, are diazotized or tetrazotized by a method known per se and coupling with an aminonaphthalene of the formula III



Wherein  $R^1$  has the above-mentioned meanings in each case.

Reference to : 1. EP-A 637515 GERMAN P4434989.0.

Ind. Cl. : 55 D 1 192883

Int Cl<sup>4</sup> : A 01 N 65 / 00

"A PROCESS FOR THE PREPARATION OF  
A BIOFUNGICIDE"

APPLICANT(S) : CENTRAL SERICULTURAL RESEARCH AND TRAINING  
INSTITUTE, MANANDA-VADI, ROAD,  
SERIRAMAPURAM,  
MYSORE-570008, INDIA  
AN INDIAN ORGANISATION.

INVENTOR(S) : 1. TOMY PHILIP;  
2. DINESH DUTTA SHARMA.

APPLICATION NO : 1419 MAS 97 Filed on 27-Jun-97

Complete Specification Left on 26-Sep-98

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4 , PATENTS RULES, 2003 ) PATENT OFFICE, CHENNAI BRANCH.

#### 6 CLAIMS

A process for the preparation of a biofungicide comprising growing the strain of *Trichoderma harzianum*-I in a liquid media such as herein described for 10-12 days, blending grown strain and mixing the same with the known carrier, talc power and kept for room drying, the mixture so obtained being powdered and then adding a sticking agent as herein described thereto.

Prov.Specn: 8 Pages; Comp.Specn.: 8.

Ind. Cl. : 32 A2 192884  
 Int Cl<sup>4</sup> : B 29 B 7/16  
 B 01 F 07/18

"AN AGITATION APPARATUS FOR AGITATING  
 PELLETS OF SYNTHETIC RESIN"

APPLICANT(S) : KATSU MANUFACTURING CO., LTD  
 OF 2799-2, KIMAGASE, SEKIYADO-MACHI,  
 HIGASHI-KATSUSHIKA-GUN. CHIBA-KEN,  
 JAPAN, A JAPANESE COMPANY

INVENTOR(S) : 1. MASARU TANAKA

APPLICATION NO : 1608 MAS 96 Filed On 13-Sep-96

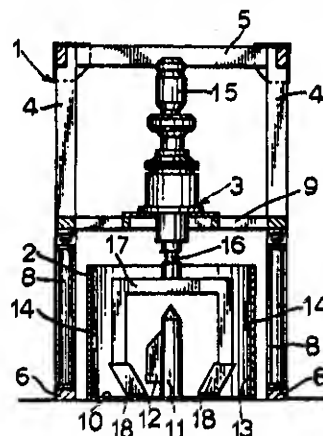
CONVENTION NO : 7-354555 ON 20-Dec-95 JAPAN

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
 ( RULE 4 , PATENTS RULES, 2003) PATENT OFFICE, CHENNAI BRANCH.

7 CLAIMS

An agitation apparatus for agitating pellets of synthetic resin said apparatus comprising a supporting frame; a cylindrical vessel removably housed in said supporting frame and to receive pellets to be agitated; an agitator mounted on said supporting frame for movement upwardly and downwardly relative thereto, said agitator having agitating means to be entered into and withdrawn from said vessel upon downward and upward movement, respectively, of said agitator; an upright guiding pillar positioned in a center of a bottom of said vessel; a stationery blade extending from said pillar in a direction toward an inner peripheral surface of said vessel; and a plurality of mixing blades extending from said inner peripheral surface in a direction toward said pillar, said mixing blades being spaced from each other.

Comp.Specn: 12 Pages; Drawing: 3 Sheets.



Ind.Cl.: 70 A

192885

Int Cl<sup>4</sup> : G 01 N 27/00

"A MEASURING CELL TO MEASURE AN ELECTRO-CHEMICAL ACTIVITY"

APPLICANT(S) : HARAEUS ELECTRO-NITE INTERNATIONAL NV  
OF GROTE BAAN 27 A, B-3530  
HOUTHALEN, BELGIUM  
A BELGIAN COMPANY.

INVENTOR(S) : 1. OMER PAUL IVO CURE  
2. GUIDO JACOBUS NEYENS

Application No. 314 MAS 96 filed on 28-Feb-96

Convention No. 195 13 212.2 On 12<sup>th</sup> April 95, Germany.

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
(RULE 4, PATENTS RULES, 2003) PATENT OFFICE, CHENNAI BRANCH.

## 10 CLAIMS

A measuring cell to measure the electro-chemical activity of a non-metallic liquid layer on a molten bath, with an electro-chemical element (1) located in a holder, which has a small solid-electrolyte tube (7) with an active part and with a counter electrode (6), characterized in that the electro-chemical element (1) and the counter electrode (6) are located in the molten bath, the active part being surrounded by the material of the non-metallic layer to be measured and at least one part of the counter electrode having direct contact with the molten bath.

COMP. SPECN.: 15 PAGES. DRAWINGS: 5 SHEETS.  
REFERENCE: EP - 0208072, 0108431, 0148492  
US - 3468780, 3578578, 5342489.

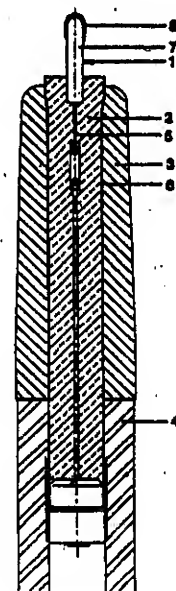


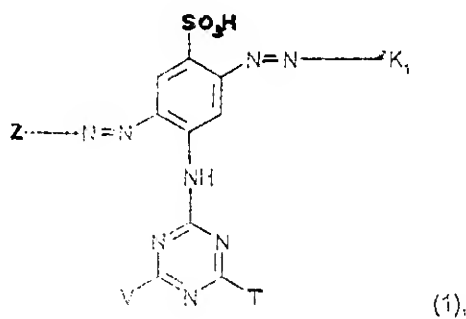
Fig. 1

Ind. Cl.	:	32 A1	192886
Int. Cl. <sup>4</sup>	:	C09 B 46/00	
Title	:	"AZO DYE MIXTURE"	
APPLICANT(S)	:	CIBA SPECIALTY CHEMICALS HOLDINGS INC., OF KLYBECKSTRASSE 141, 4057 BASEL, SWITZERLAND A SWISS CORPORATION	
INVENTOR(S)	:	1. KLAUS HANNEMANN 2. URS LEHMANN	
APPLICATION NO.	:	293/MAS/1996 filed on 26/02/1996.	

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003) Patent Office, CHENNAI Branch.

1. A dye mixture comprising

(a) a compound of the formula



in which  $K_1$  is a naphthyl radical which is unsubstituted or further substituted by hydroxyl, amino,  $N-C_1-C_4$  alkylamino,  $C_2-C_4$  alkanoylamino, benzoylamino, sulfo or a radical of the formula  $SO_2-Y_1$ .

$-SO_2-Y$  (3a),

$-CONH-(CH_2)_m-SO_2-Y$  (3b),

$-CONH-(CH_2)_{m1}-O-((CH_2)_mSO_2-Y$  (3c),

$-(O)_p-(CH_2)_q-CONH-(CH_2)_mSO_2-Y$  (3d),

$-NH-CO-CHX-CH_2X$  (3e) or

$-NH-CO-CX=CH_2$  (3f)

Y as vinyl or a radical  $-CH_2-CH_2-U$

and U is a leaving group,

X is chlorine or bromine,

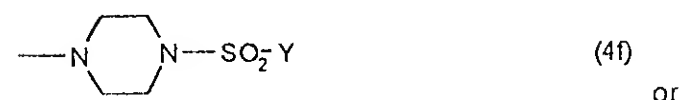
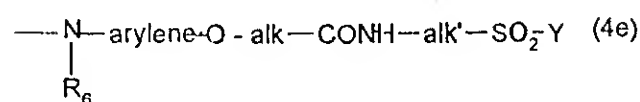
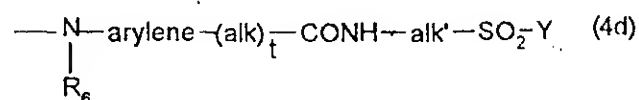
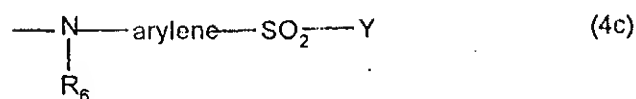
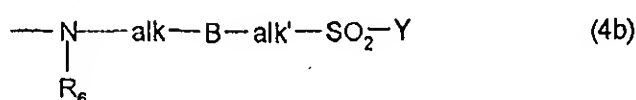
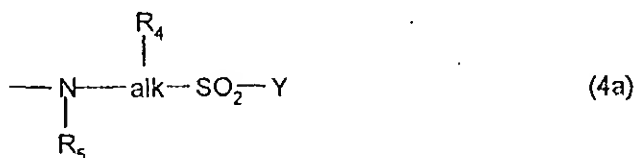
p is the number 0 or 1 and

m,  $m_1$  and q independently of one another are each an integer from 1 to 6,

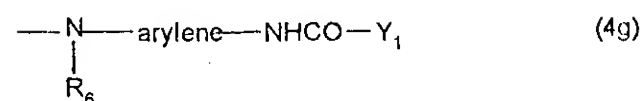
T is chlorine, fluorine, bromine, 3-carboxypyridin-1-yl or 3-carbamoylpyridin-1-yl,



V is defined independently as T or is a non-reactive radical from the group consisting of hydroxyl, C<sub>1</sub>-C<sub>4</sub>alkoxy, phenoxy, C<sub>1</sub>-C<sub>4</sub>alkylthio, morpholino and substituted or unsubstituted amino, or is a reactive radical of the formula



or



R<sub>4</sub> is hydrogen, hydroxyl, sulfo, sulfato, carboxyl, cyano, halogen, C<sub>1</sub>-C<sub>4</sub>alkoxycarbonyl, carbamoyl or a group -SO<sub>2</sub>-Y,

in which Y is as defined above,

R<sub>5</sub> is hydrogen, C<sub>1</sub>-C<sub>4</sub>alkyl which is unsubstituted or substituted by hydroxyl, sulfo, sulfato,

carboxy or cyano, or a radical  $\begin{array}{c} \text{R}_4 \\ | \\ \text{---alk---SO}_2\text{---Y} \end{array}$

in which  $R_4$  and  $Y$  are each as defined above,

$R_6$  is hydrogen or  $C_1$ - $C_4$ alkyl,

alk and alk' independently of one another are each  $C_1$ - $C_4$ alkylene,

arylene is a phenylene or naphthylene radical which is unsubstituted or substituted by sulfo, carboxyl, hydroxyl,  $C_1$ - $C_4$ alkyl,  $C_1$ - $C_4$ alkoxy or halogen,

$Y_1$  is a group  $-CHX-CH_2X$  or  $-CX=CH_2$ ,

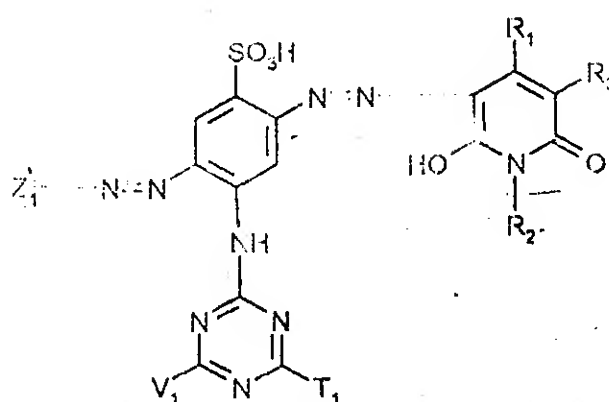
in which  $X$  is as defined above,

$B$  is a radical  $-O-$  or  $-NR_6-$ ,

in which  $R_6$  is as defined above, and

$t$  is the number 0 or 1, and

(b) a compound of the formula



in which  $R_1$  and  $R_2$  independently of one another are each  $C_1$ - $C_4$ alkyl,

$R_3$  is carbamoyl, sulfomethyl or cyano, and

$T_1$  is defined independently as above for  $T$ ,

$V_1$  is defined independently as above for  $V$ , and

$Z_1$  is defined independently as above for  $Z$ , in a weight ratio of 25:1 to 1:1.

Comp. Specn. : 33 Pages;

Drawing : NIL Sheets.

Ind. Cl. : 32 F 3 192887

Int Cl<sup>4</sup> : A 23 L 1/27, C 07 C 33/02  
C 07 C 45/00, C 09 B 62/00

"AN IMPROVED PROCESS FOR  
THE PREPARATION OF CURCUMIN"

APPLICANT(S) : NATCO PHARMA LIMITED  
AN INDIAN COMPANY REGISTERED  
UNDER THE INDIAN COMPANIES ACT.  
1956, HAVING ITS REGISTERED  
OFFICE AT NATCO HOUSE, ROAD  
NO.2 BANJARA HILLS,  
HYDERABAD - 33, INDIA.

INVENTOR(S) : 1. VENKATA RAO ERRAGUNTLA  
2. SUDHEER PALADUGU

APPLICATION NO : 876 MAS 01 Filed on 29-Oct-01

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4 , PATENTS RULES, 2003) PATENT OFFICE, CHENNAI BRANCH.

### 13 CLAIMS

An improved process for the preparation of curcumin which comprises:

- a) Reacting vanillin in ethyl acetate or chloroform solution with acetylacetonedifluoroboronite,
- b) adding a base catalyst under stirring at room temperature,
- c) distilling off the solvent,
- d) adding water and acidifying with 1N hydrochloric acid under stirring,
- e) cooling, filtering, washing with water and drying the resulting product,
- f) refluxing the product from step (e), with 80% aqueous methanol or aqueous ethanol after adjusting the pH to 5.5,
- g) reducing the volume of the aqueous alcoholic solution,
- h) filtering the separated product from step (f), and washing with water,
- i) dissolving the product in aq. alkali and extracting with chloroform,
- j) Acidifying the alkali layer, filtering and drying the selected product.

Ind.Cl.: 35

**192888**Int.Cl<sup>7</sup>: C 04 B 11/28**"A FIBER BOARD AND A METHOD OF PRODUCING THE SAME"**

Applicant: NATIONAL GYPSUM PROPERTIES LLC  
OF 2001 REXFORD ROAD, CHARLOTTE,  
NORTH CAROLINA 28211-3498  
A DELAWARE CORPORATION  
USA

Inventors: 1. ELISHA STAV  
2. EDWARD A BURKARD  
3. RONALD S. FINKESTEIN

Application No 250/MAS/2001 filed on 19th March 2001

~~Division to Patent~~ Application No: 536/MAS/1995 Dated: 3rd May 1995

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)  
Patent Office, Chennai Branch.

### 13 Claims

A fiber board comprising 70 wt% to 90 wt% of a cementitious composition as core and 30 wt% to 10 wt% of a fiber component covering the core, said cementitious composition comprising (a) 30 wt% to 75 wt% of calcium sulfate beta-hemihydrate, (b) 10 wt% to 40 wt% of Portland cement, (c) 4 wt% to 20 wt% of silica fume and (d) 1 wt% to 40 wt% of pozzolanic filler, said fiber component being selected from wood fibers, paper fibers, glass fibers and plastic fibers such as polyethylene fibers, polypropylene fibers and nylon fibers .

Comp.Specn. ~~22~~ Pages; Drgs 3 Sheets.

Ind.Cl.: 83 A 1 192889

Int Cl<sup>†</sup> : A 23 L 1/217

"A PROCESS FOR THE PREPARATION OF  
DEEP FAT FRIED POTATO CHIPS"

APPLICANT(S) : SURENDRA KUMAR SOOD  
BLOCK 36, FLAT NO.4, VIJAY NAGAR  
COLONY, HYDERABAD - 500 057.  
AN INDIAN NATIONAL.

INVENTOR(S): 1. SURENDRA KUMAR SOOD

Application No. 410/MAS/01 Filed on 21-May-01

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4 , PATENTS RULES, 2003) PATENT OFFICE, CHENNAI BRANCH.

### 3 CLAIMS

A process for the preparation of deep fried potato chips comprising slicing of cleaned potatoes, blanching sliced potato in 2% calcium chloride solution and 0.5-1% sodium acid pyrophosphate for 3-5min<sup>g</sup>., frying said blanched potato slices and then treating the same with a 5-6% solution of low methyl content pectin at room temperature, dipping/soaking said slices in 0.25-0.3% carboxy methyl cellulose (CMC), drying again the treated slices of potatoes and then subjecting the same to the step of deep fat frying, adding known flavor material and spices to said slices during the step of deep fat frying in order to prepare the thin product..

Comp.Specn: 8 Pages

Drawing: Nil Sheets.

Ind.Cl.:32 F<sub>2</sub> A.

192890

Int.Cl.<sup>4</sup> :C 07 C 229/30.

## A PROCESS FOR THE PREPARATION OF A 4,5-DIAMINO SHIKIMIC ACID DERIVATIVE".

Applicant: F HOFFMANN-LA ROCHE AG  
OF 124 GRENZACHERSTRASSE,  
CH-4070 BASLE,  
A SWISS COMPANY  
SWIZERLAND.

Inventors: 1. STEFAN ABRECHT;  
2. MARTIN KARPFF;  
3. RENE TRUSSARDI;  
4. BEAT WIRZ.

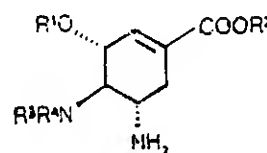
Application No153/MAS/2001. filed on 20-Feb-2001.

Convention No. 00103673.0. on 22-Feb-2000., EUROPE.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003) Patent Office, Chennai Branch.

14. Claims

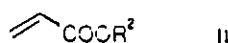
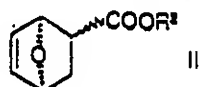
A process for the preparation of a 4,5-diamino-shikimic acid derivate of formula.



And pharmaceutically acceptable addition salts thereof wherein

R<sup>1</sup> is an optionally substituted alkyl group having 1 to 2 carbon atoms.R<sup>2</sup> is an alkyl group having 1 to 20 carbon atoms andR<sup>3</sup> and R<sup>4</sup>, independent of each other are H or a substituent of an amino group, with the proviso that not both R<sup>3</sup> and R<sup>4</sup> are H, comprising

Step a) furan is reacted in a known manner with an acrylic acid derivative of the formula

Wherein R<sup>2</sup> is as defined herein above to form a bicyclo compound of formulaWherein R<sup>2</sup> is as define herein above,

Step b)

the 2 R-exo isomer of the bicyclo compound of formula (III) is separated in a known manner.

Step c)

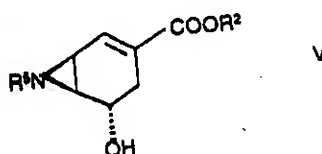
said 2R-exo isomer of the "bicyclo compound" of formula (III) is reacted with an azide to form an aziridine of formula



Wherein  $R^2$  is as above and  $R^5$  is an azide residue then, in

Step d)

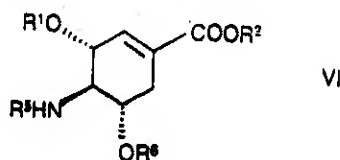
eliminative ring opening is effected by methods known per se to yield a cyclohexene aziridine derivative of formula



Wherein  $R^2$  and  $R^5$  are as defined herein above,

Step e)

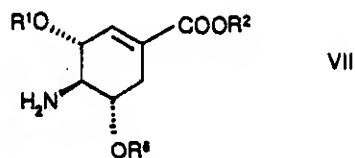
a substituent  $R^6$  is introduced in a known manner in the free OH-position and the aziridine ring is opened by known means to give a cyclohexene derivative of formula



Wherein  $R^1$ ,  $R^2$  and  $R^5$  are as defined herein above and  $R^6$  is a substituent of an OH group,

Step f)

$R^5$  is removed in a known manner to yield a 4-amino cyclohexene derivative of formula



Wherein  $R^1$ ,  $R^2$  and  $R^6$  are as define herein above and converting said 4-amino cyclohexene derivative of formula (VII) to the 4,5-diamino shikimic acid derivatives of formula (I) and pharmaceutically acceptable salts thereof in a known manner and isolating the said compound I in a known manner.

Ind.Cl.:	40 B	192891
Int Cl <sup>4</sup> :	B 01 J 21/04	
	"A PROCESS FOR PREPARING A SUPPORTED CATALYST COMPONENT"	
APPLICANT(S) :	DOW GLOBAL TECHNOLOGIES INC, OF 2030 DOW CENTER, ABBOTT ROAD MIDLAND, MICHIGAN 48640, U.S.A, A US COMPANY	
INVENTOR(S) :	1. GRANT B. JACOBSEN 2. LEE SPENCER 3. PETER L. WAUTERAERTS	
Application No.	1572/MAS/95	Filed on 01-12-1995

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4 , PATENTS RULES, 2003) ATENT OFFICE, CHENNAI BRANCH.

### 11 CLAIMS

A process for preparing a supported catalyst component comprising the steps of heating a support material containing alumoxane under an inert atmosphere for a period from 15 minutes to 72 hours and at a temperature from 75°C to 250°C for fixing alumoxane to the support material, to form a supported catalyst component, which component contains 15 to 40 weight percent of aluminum, based on the total weight of the support material and alumoxane, and wherein not more than 10 percent aluminum present in the supported catalyst component is extractable in a one-hour extraction with toluene of 90°C using 10mL toluene per gram of supported catalyst component.

Comp.Specn: 73 Pages Drawing: Nil Sheets.  
Reference Cited: US 5,057,457.



Ind.Cl.:39 E.

192892

Int.Cl<sup>4</sup>:C 01 F 7/02.

"A PROCESS FOR PREPARING IRON-FREE SUPERSATURATED SODIUM ALUMINATE SOLUTIONS.

Applicant: ALUMINIUM PECHINEY  
OF 10 PLACE DE VOSGES, IMMEUBLE  
BALZAC, LA DEFENSE 5,92400  
COURBEVOIE, A FRENCH COMPANY FRANCE.

Inventors: 1. JEAN DEVILIE; 2. JEAN MICHAEL LAMERANT;

Application No 1694/MAS/95. filed on 20-Dec-95.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)  
Patent Office, Chennai Branch.

#### 17. Claims

A process for preparing iron-free supersaturated sodium aluminate solutions obtained from the alkaline attack of the monohydrate bauxite according to the Bayer process successively including the steps of grinding and eventually of desilication in the presence of an aliquot of decomposed liquor, then attack at a temperature higher than 200°C, usually between 240 and 270°C, the said crushed and eventually desilicated bauxite by the remaining fraction of the decomposed liquor, to make the alumina hydrate soluble and form at the end of the attack an insoluble suspension of the residue of red mud in the supersaturated sodium aluminate liquor which, after cooling and dilution, is decanted to separate the mud or insoluble residues from the supersaturated liquor destined to be decomposed in the presence of seeds after filtration, characterized by the fact that, at the end of the attack, during the cooling of the suspension achieved by decreasing the pressure in the reactors, one injects into the said suspension at a temperature higher than 140°C a calcium containing compound belonging to the group consisting of lime and calcium salts in an amount of between 0.5% and 3% in weight CaO compared to dried bauxite weight.

Reference to : US 4,446,177US 3,975,396.

Comp.Specn. 24. Pages; Drgs 1. Sheets.

Ind. Cl. : 56 D 192893

Int Cl<sup>4</sup> : F 02 C 003/28  
F 02 C 006/00

"A METHOD OF PRODUCING BLACK LIQUOR  
FROM A PULPING PROCESS"

APPLICANT(S) : ANDRITZ OY, OF TAMMASAARENKATU  
1, 00180 HELSINKI, FINLAND;  
A FINNISH COMPANY

INVENTOR(S) : 1. KOSKINIEMEJUHA

APPLICATION NO : 142 MAS 96 Filed On 30-Jan-96

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4 , PATENTS RULES, 2003 ) 'ATENT OFFICE, CHENNAI BRANCH.

#### 5 CLAIMS

A method of producing black liquor from a pulping process for evaporation and combustion processes, comprising the steps of treating the black liquor in a reactor vessel having a vapour space at a temperature of 150-350<sup>0</sup>C, characterised in that the black liquor is introduced into the vapour space of the reactor vessel, which vapour space is located above the liquid level, and the liquor is brought into direct contact with steam when the liquor and steam flow counter-currently in order to heat the liquor to said temperature, the difference between the steam saturation and said temperature being 0-20<sup>0</sup>C, and the liquor is maintained in the vessel at said temperature for a period of time.

Comp.Specn:14pages;  
Drawing:1 Sheet.

Ind.Cl.:	172 D 2	192894
Int Cl <sup>4</sup> :	D 01 H 7/72	
	"A TEXTILE MACHINE"	
APPLICANT(S).	PALITEX PROJECT - CDMPANY GMBH WEESERWEG 60 D-47804 KREFELD GERMENY; A GERMAN COMPANY	
INVENTOR(S) :	1. HEINZ FINK 2. HEINZ KAMP	
Application No.	288/MAS/96	Filed on 23-Feb-96

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
(RULE 4, PATENTS RULES, 2003) PATENT OFFICE, CHENNAI BRANCH.

A textile machine comprising: 9 CLAIMS

a machine frame;

a plurality of work stations distributed along at least one longitudinal side of said machine frame, wherein at said work stations supply bobbins are inserted and receiving bobbins are removed;

a bobbin rest comprised of a support structure and a plurality of pegs for receiving the bobbins;

said support structure connected to said machine frame above said work stations;

said pegs connected to said support structure;

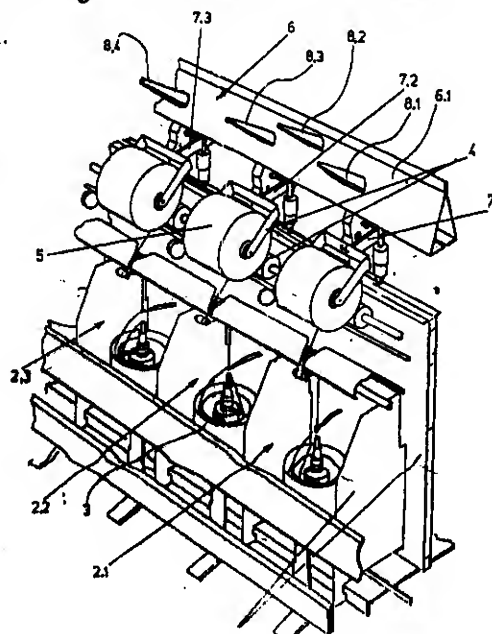
said pegs extending outwardly relative to said machine frame and upwardly at an acute angle relative to the horizontal;

said support structure comprising a support beam extending over the entire length of said machine frame;

said support beam being hollow and comprising a first sidewall extending at an acute angle to the vertical inwardly relative to said machine frame; and

said support structure further comprising first integrated fasteners connected to said first sidewall for fastening said pegs to said sidewall.

Comp.Specn: 15 Pages Drawing: 3 Sheets.



Ind.Cl.:9F.

192895

Int.Cl<sup>4</sup>:C21C 7/00.

" A method of, and an apparatus for, continuous manufacture of steel"

Applicant: Mudalthirumaligai Srinivasa Nandakumar  
91 South Chitrai Street, Srirangam,  
Tiruchirapalli 620 006, Indian National ,  
India.

Inventors: 1. Mudalthirumaligai Srinivasa Nandakumar.

Application No 427/MAS/96. filed on 18-Mar-96.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)  
Patent Office, Chennai Branch.

#### 6. Claims

A method of continuous manufacture of steel, comprising the steps of causing molten iron to flow in a defined, enclosed channel; regulating the flow of the molten metal in the channel to the full width thereof and to the desired depth; introducing additives into the molten metal during its flow in the channel; allowing the molten metal to fall freely into an enclosed chamber communicating with the end of the channel; blowing oxygen into the freely falling stream of molten metal, at different levels thereof, whereby the steam of molten metal is broken and gets converted into falling droplets; injecting other gases and introducing additives into the chamber to react or combine with the molten metal to form the desired final composition of steel; collecting the slag and molten metal in a receiver to settle one above the other; and removing the slag and metal by tapping the same separately and continuously therefrom, the waste gases being allowed to escape to atmosphere after they are cleaned.

Comp.Speen. 12. Pages; Drgs 1. Sheets.

Ind.Cl.:172 B.

192896

Int.Cl.:D01 H 1/18.

**"A YARN CENTER MADE FROM MOLDED THERMOPLASTIC RESIN".**

**Applicant:** BOTTARI MARCO  
VIA MACHIAVELLI NO 40.  
50047 PRATO  
AN ITALIAN CITIZEN  
ITALY.

**Inventors:** 1. BOTTARI MARCO.

**Application No**758/MAS/96. filed on 8-May-96.

**Convention No.** F I/95/A/00110 on19-May-95., ITALY.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),  
Patent Office, Chennai Branch.

#### 4. Claims

A yarn center made from molded thermoplastic resin, on which yarn is wound into packages, said center having a yarn support body with at least one annular zone(1A;1B) at one end thereof for winding turns of reserve yarn, said annular zone(1A;1B) being provided with an edge and yarn holding means associated with said edge for holding the yarn; characterized in that said holding means has a guide notch(3) beginning in said edge of said annular zone(1A;1B) and a diaphragm portion(9) of very little thickness made such that it can be torn by the yarn which is inserted and forced into said notch and into said diaphragm portion(9), said diaphragm portion being formed approximately transversely to said guide notch(3).

**Comp.Specn. 7. Pages; Drgs 1. Sheets.**

Ind. Cl. : 32 B 192897

Int Cl<sup>4</sup> : C 10 G 45/58

"A PROCESS FOR THE PREPARATION OF  
A LUBRICATING BASE OIL"

APPLICANT(S) : SHELL INTERNATIONALE RESEARCH  
MAATSCHAPPIJ B.V. A DUTCH  
COMPANY OF CAREL VAN  
BYLANDTLAAN 30 2596 HR THE HAGUE  
THE NETHERLANDS.

INVENTOR(S) : 1. JEAN-PIERRE GILSON  
2. PIERRE GRANDVALLET  
3. PETER JAMES WARDLE

APPLICATION NO : 770 MAS 96 Filed On 9-May-96

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4 , PATENTS RULES, 2003) PATENT OFFICE, CHENNAI BRANCH.

### 13 CLAIMS

A process for the preparation of a lubricating base oil comprising the steps of:

- (a) contacting a hydrocarbon oil feed in a first stage with hydrogen in the presence of a catalyst comprising at least one Group VIII noble metal component and at least one Group VIB metal component on a refractory oxide support to produce a liquid effluent;
- (b) contacting said liquid effluent in a second stage with hydrogen in the presence of a hydroconversion catalyst comprising at least one Group VIII metal component under hydroconversion conditions; and
- (c) recovering in a known manner at least one lubricating base oil having a viscosity index of at least 80 by distillation.

Comp.Specim: 21 Pages Drawing: Nil Sheets.

Reference Cited: US 4,518,485; EP 564,317; WO 94/25157.

Ind. Cl. : 9 E 192898

Int Cl<sup>1</sup> : C 01 F 5/00

"A METHOD OF PREPARING A MAGNESIUM BASE  
ALLOY FOR HIGH PRESSURE DIE CASTING"

APPLICANT(S) : LUXFER GROUPLIMITED (COMPANIES  
REGISTRATION NO. 3944037) OF  
THE VICTORIA, HARBOUR CITY,  
SALFORD QUAYS, MANCHESTER  
N5 2SP, UNITED KINGDOM  
UK COMPANY

INVENTOR(S) : 1. JOHN F KING  
2. PAUL LYON  
3. KEVIN NUTTALL

APPLICATION NO : 188 MAS 96 Filed On 6-Feb-96

CONVENTION NO : 95 02238.0 ON 6-Feb-95 GB

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4 , PATENTS RULES, 2003) PATENT OFFICE, CHENNAI BRANCH.

### 11 CLAIMS

A method of preparing a magnesium base alloy for high pressure die casting comprising the step of heating a mixture of at least 91 weight percent magnesium, 0.1 to 2 weight percent of zinc, 2 to 5 weight percent of a rare earth metal component, 0 to 1 weight percent of calcium, 0 to 0.1 weight percent of an oxidation inhibiting element other than calcium, 0 to 0.4 weight percent zirconium, hafnium and/or titanium; 0 to 0.5 weight percent manganese 0 to 0.001 weight percent of strontium, <sup>0 to</sup> 0.05 weight percent of silver and 0 to 0.1 weight percent of aluminium and substantially free of undissolved iron, at a temperature higher than the melting temperature of the magnesium.

COMP.SPECN: 32 PAGES DRAWING: 9 SHEETS.

Ind.Cl.: 32 C

192899

Int.Cl<sup>7</sup>: A 61 K 37/64

**"A PROCESS FOR PREPARING A PHARMACEUTICAL  
COMPOSITION HAVING ENHANCED BIOAVAILABILITY"**

**Applicant:** F. HOFFMANN-LA ROCHE AG  
OF 124 GRENZACHERSTRASSE CH-4070  
BASLE, A SWISS BODY CORPORATE  
SWITZERLAND

**Inventors:** 1. CAROLE ANNE BAILEY  
2. JOSEPHINE CHRISTINE FERDINANDO  
3. NAVNIT SHAH

Application No 763/MAS/2000 filed on 14th Sept 2000

Convention No. 468,493 on, 6th June 1995 in US

DIVISION to Application No: 910/MAS/1996 Dated: 28th May 1996

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003),  
Patent Office, Chennai Branch.

**5 Claims**

A process for preparing a pharmaceutical composition having enhanced bioavailability such as herein described, comprising the step of mixing

- (a) a therapeutically effective amount in the range of 10 mg to 300 mg per unit dosage of a proteinase inhibitor N-ter-butyl-decahydres-2-[2-(R)-hydroxy-4-phenyl-3(S)-{[-(2-quinolylcarbonyl)-L-asparaginy]amino} butyl]-(4aS, 8aS)-isoquinoline-3-(S) carboxamide;
- (b) at least one pharmaceutically acceptable monoglyceride of a C<sub>8</sub> to C<sub>10</sub> medium chain fatty acid and mixtures thereof, wherein the weight ratio of the said monoglyceride to said proteinase inhibitor is at least 1.5; and
- (c) optionally mixing 0.01 to 0.5% by weight of dl- $\alpha$ -tocopherol.

Comp. Specn. 45 Pages; Drgs NIL Sheets.



Ind.Cl.:55 F; 136 E

192900

Int.Cl.:B 29 C 33/06; B 29 C 41/14; 41/46

**"A METHOD OF MANUFACTURING PHARMACEUTICAL CAPSULE AND  
AN APPARATUS THEREOF"**

**Applicant:** AMERICAN HOME PRODUCTS CORPORATION  
of Five Giralda Farms,  
Madis New Jersey 07940  
an US Company USA

**Inventors:** 1. GROSSWALD RALPH R  
2. ANDERSON JEFFORY B  
3. ANDREW CLAIR S

Application No560/MAS/1997 filed on 17th March 1997

Division to Application No: 705/MAS/1992 Ante Dated:25th November 1992

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)  
Patent Office, Chennai Branch.

**9 Claims**

1. A method of manufacturing pharmaceutical cellulose capsules suitable for filling by capsule filling machines, each capsule consisting of two parts, a capsule body and a capsule cap, each part having a dome, from an aqueous solution of a thermogelling cellulose ether composition, using a capsule machine having capsule body pins and capsule cap pins as molds, and using a plurality of pinbars, each pinbar having a bar with a plurality of pins mounted to the bar, comprising the steps of heating the pins to a temperature in the range of 62.2°C to 68.9°C; dipping the pins into the solution to cause the solution to gelatinize on the surface of the pins; further gelatinizing the gelatinized solution, in humid air inside a kiln, on the surface of the pins by applying radiant heat from a dome-setter radiant heater mounted within the kiln and facing the plane of a planar array of domes; drying the gelatinized solution on the surface of the pins to form capsule bodies and capsules caps; and removing the capsule bodies and capsule caps from the pins.

Comp.Specn. 37 Pages; Drgs 15 Sheets.

Ind. Cl. : 108 B 2 (b) 192901

Int Cl<sup>4</sup> : C 21 B 15/00 &  
C 22 B 5/10

"A PROCESS FOR TREATING METAL OXIDE FINES  
TO RECOVER ELEMENTAL IRON"

APPLICANT(S) : MAUMEE RESEARCH & ENGINEERING  
INCORPORATED, A CORPORATION  
DULY ORGANISED AND EXISTING  
UNDER THE LAWS OF THE STATE OF  
OHIO, OF 27457 HOLIDAY, LANE  
PERRYSBURG, OH 43551-3351 USA

INVENTOR(S) : 1. FRANKLIN G RINKER  
2. Dr DEANE A HORNE

APPLICATION NO : 1428 MAS 95 Filed on 3-Nov-95

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4 , PATENTS RULES, 2003) PATENT OFFICE, CHENNAI BRANCH.

### 19 CLAIMS

A process for treating metal oxide fines to recover elemental iron from iron-bearing materials having iron-bearing ores, steel mill waste and other metallurgical process waste, the process comprising the steps of: a) combining iron-bearing materials. having metal oxides having iron oxides therein with carbonaceous material such as herein described to form a dry mixture; b) agglomerating the dry mixture under known conditions to mobilize volatile matter from the carbonaceous material to bond the dry mixture and form green compacts; c) loading the green compacts into a zone of a preheated rotary hearth furnace void of compacts to form a layer of compacts having a mean layer depth no more than about two compacts high; d) heating the green compacts for about 6 to 12 minutes at a temperature of between about 2150 °F to 2350 °F to reduce the compacts and evolve undesirable oxides from the compacts and e) discharging the reduced compacts from the rotary hearth furnace and f) receiving elemental iron from the reduced compacts.

Comp.Specn: 20 Pages Drawing: 2 Sheets.  
Reference Cited: US 5,186,741; US 4,701,214.

Ind.Cl.: 32 F3 a 192902

Int Cl<sup>4</sup> : C 07 C 41/01

"A PROCESS FOR THE POLYMERIZATION OF CYCLIC ETHER MONOMERS  
FOR THE PRODUCTION OF POLYOXYALKYLENE POLYMER"

APPLICANT(S) : MOBIL OIL CORPORATION,  
A CORPORATION ORGANIZED UNDER THE  
LAWS OF THE STATE OF NEW YORK  
UNITED STATES OF AMERICA, OF  
3225 GALLOWS ROAD, FAIRFAX,  
VIRGINIA 22037, UNITED STATES OF  
AMERICA

INVENTOR(S) : 1. LIWEN WEI

Application No. 1340/MAS/95 Filed on 17-Oct-95

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4 , PATENTS RULES, 2003 ) PATENT OFFICE, CHENNAI BRANCH.

#### 14 CLAIMS

A process for the polymerization of cyclic ether monomers such as herein described for the production of polyoxyalkylene polymer such as herein described, which comprises:

polymerizing at least one cyclic ether monomer in a homogeneous liquid phase reaction mixture in contact with 0.1-5 weight percent of a heteropolyacid catalyst such as herein described under conditions and in the presence of a chain terminating agent sufficient to produce a polyoxyalkylene polymer with less than 2 weight percent cyclic oligomer formation.

Comp.Specn: 20 Pages Drawing: Nil Sheets.  
Reference Cited: US 4,568,775; US 4,481,123.

Ind. Cl. : 55 E 2 192903

Int Cl<sup>4</sup> : A 62 D 1/00  
C 69 K 21/00

"A PROCESS FOR THE PREPARATION OF HERBAL,  
BIODEGRADABLE LIQUID FIRE EXTINGUISHER AND  
IMPARTER OF FIRE/BURN RESISTANCE"

APPLICANT(S) : C S R PRABHU, RESIDENT OF  
103, VIVEKVARDHAN APARTMENTS,  
1-1-421/1, GANDHI NAGAR,  
HYDERBAD - 503 080. INDIA  
NATIONALITY: INDIAN.

INVENTOR(S) : 1. C S R PRABHU

APPLICATION NO : 1334/MAS/95 filed on 17-Oct-95

Complete Specification Left on 15-Oct-96

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4 , PATENTS RULES, 2003 ) PATENT OFFICE, CHENNAI BRANCH.

#### 7 CLAIMS

A process for the preparation of a herbal and biodegradable liquid formulation for using as a fire extinguisher and imparter of fire/burn resistance comprising the steps of:

- a. collecting the leaves of the plant Aloe Vera and peeling the skin of the leaves in a known manner to obtain the jelly like material
- b. the said jelly like material obtained in step (a) is agitated in an agitator to obtain a homogeneous material
- c. filtering the said homogeneous material in a conventional manner to obtain the superfine liquid of Aloe Vera
- d. to the said super fine liquid formed in step "C" optionally the adjuvant such as here in described are added in 1 to 5 : 5 to 1 weight/weight ratio

Prov. Specn. : 3 Pages.

Comp. Specn. : 5. Pages; Drgs. : Nil Sheets

Ind.Cl.:32 F<sub>1</sub>

192904

Int.Cl<sup>4</sup>:CO7C 19/08.

"PROCESS FOR THE PURIFICATION OF DIFLUOROMETHANE".

Applicant: ELF ATOCHEM S.A.  
A FRENCH BODY CORPORATE OF:  
4 & 8 COURS MICHELET, LA DEFENCE10,  
F-92800 PUTEAUX,  
FRANCE.

Inventors: 1. RENE BERTOCCHIO.

Application No 1153/MAS/95. filed on 5-Sep-95.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)  
Patent Office, Chennai Branch.

8. Claims

A process for the purification difluoromethane (F32) containing traces of chlorofluoromethane (F31), which process comprises passing a gaseous stream of the F32 to be purified over a 13X molecular sieve at a temperature of at least 60°C, and optionally, after use, regenerating the 13X sieve by washing by means of a solution of sodium or potassium carbonate and heating to high temperature under inert atmosphere or in vacuum.

Reference to : EP 508630, US 2917556.

Comp. Pgs. 12 Pages; Drgs Nil. Sheets.

Ind. Cl. : 63 D 192905

Int. Cl.<sup>7</sup> : H 02 K -1/12

**"A STATOR OF A MAGNET-TYPE ROTATING MACHINE"**

APPLICANT(S) : MITSUBISHI DENKI KABUSHIKI KAISHA  
OF 2-3, MARUNOUCHI 2-CHOME,  
CHIYODA-KU, TOKYO 100 JAPAN  
A COMPANY ORGANIZED AND  
EXISTING UNDER THE LAWS OF  
JAPAN

INVENTOR(S) : 1. KEIICHI KUSUMOTO  
2. KEIICHI KONISHI

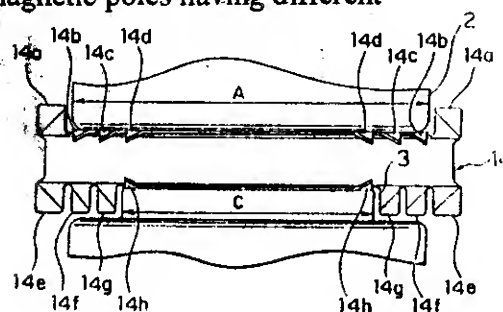
APPLICATION NO : 1077 MAS 95 Filed on 23-Aug-95

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4 , PATENTS RULES 2003 ) PATENT OFFICE, CHENNAI BRANCH.

**5 CLAIMS**

A stator of a magnet-type rotating machine comprising a hollow cylindrical yoke; a plurality of auxiliary magnetic poles disposed at equal circumferential intervals on the inner peripheral surface of said yoke; main magnetic poles provided adjacent to said auxiliary magnetic poles along the circumference in such a manner as to make a pair with said auxiliary magnetic poles on the inner peripheral surface of said yoke; and positioning members, each of which is formed into a cross-sectional U-shape and attached within the circumferential gap between said main magnetic poles and said auxiliary magnetic poles on the inner peripheral surface of said yoke, characterised in that the positioning members have three or more engagement sections which engage to each in main magnetic poles and auxiliary magnetic poles; more than two of said engagement sections on the main magnetic pole side being protruded to engage with the end of said main magnetic pole; and more than two of said engagement sections on the auxiliary magnetic pole side being protruded to engage with the end of said auxiliary magnetic pole; whereby said main magnetic poles are positioned in the circumference and the axial directions with respect to said auxiliary magnetic poles; wherein said engagement sections to be protruded on the main magnetic pole side and said engagement sections to be protruded on the auxiliary magnetic pole side are selectively protrusively provided in accordance with the axial length of said main magnetic poles and said auxiliary magnetic poles, and thus the main magnetic poles and the auxiliary magnetic poles having different axial lengths are locked to each other.

COMP.SPECN: 12 PAGES DRAWING: 3 SHEETS.



Ind. Cl. : 32 F3 C & 175 J 192906

Int Cl<sup>4</sup> : C 07 B 63/00

"PROCESS FOR SEPARATING THE HIGH-BOILING  
FRACTION FROM A CRUDE BUTYNE DIOL SOLUTION"

APPLICANT(S) : S K CORPORATION,  
OF 99 SEORIN-DONG, JONGRO-KU,  
SEOUL 110-110, THE REPUBLIC OF  
KOREA

INVENTOR(S) : 1. DR. KARL-HEINZ HOFMANN  
2. DR. NICOLE SCHODEL

APPLICATION NO : 1040 MAS 95 Filed On 16-Aug-95

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4 , PATENTS RULES, 2003 ) PATENT OFFICE, CHENNAI BRANCH.

### 3 CLAIMS

A process for separating the high-boiling fraction from a crude butyne diol solution already purified from further undesired constituents such as acetylene, formaldehyde, propargyl alcohol or the like, characterized in that the high-boiling fraction is separated from the crude butyne diol solution in a flash column.

Comp. Specn: 6 Pages Drawing: Nil Sheets.

Ind.Cl.:106, 107 K.

192907

Int. Cl.: F02M-45/02

## " A FUEL INJECTION VALVE FOR INTERNAL COMBUSTION ENGINES".

Applicant: ROBERT BOSCH GMBH  
A GERMAN COMPANY OF POSTFACH  
30 02 20, 70442 STUTTGART,  
FEDERAL REPUBLIC OF GERMANY  
GERMANY.

Inventors: 1. KARL HOFMANN;  
2. MANFRED MACK.

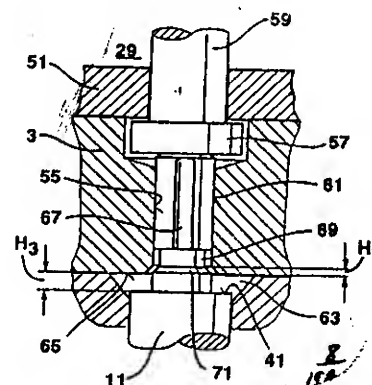
Application No 895/MAS/95. filed on 14-Jul-95.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)  
Patent Office, Chennai Branch.

10. Claims

A fuel injection valve for internal combustion engines comprising an axially displaceable valve element (11) which is guided in a guide hole (9) of a valve body (1), said valve body (1) is clamped via an intermediate disk (3) against a valve retention body (7), a chamber (29) provided in the valve retention body (7), for accommodating a first valve spring (33) which is capable of acting continually on the valve element (11) via a pressure pin (39) having a flow passage means, and a second valve spring (49) which is capable of acting on the valve element (11) only after a certain opening stroke motion of the valve element (11) via an annular projection (57) thereby subdividing the opening stroke, motion of the valve element (11) into a preliminary stroke against the force of the first valve spring (33) and a residual stroke against the force of the first and second valve springs (33,49), and a fuel-filled damping space (63) bound by the valve element (11) which is shut off during the opening stroke of the valve element (11) so that the pressure built up in the damping space acts on an end surface (41) of the valve element (11).

Comp.Specn. 18. Pages; Drgs 3. Sheets.





Ind.Cl.:103 & 144E2.

192908

Int.Cl<sup>4</sup>:C23C 28/00.

" A COATED METAL ARTICLE AND A METHOD OF PRODUCING THE SAME".

Applicant: HENKEL CORPORATION  
OF 140 GERMANTOWN PIKE,  
SUITE 150, PLYMOUTH MEETING,  
PA 19462, A US COMPANY  
USA.

Inventors: 1. OSCAR E ROBERTO;  
2. MARC A. MAXIM.

Application No859/MAS/95. filed on 10/07/95.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)  
Patent Office, Chennai Branch.

### 27. Claims

A coated metal article comprising a metal substrate having a surface; an adherent, water insoluble coating on at least a portion of the surface of the metal substrate, said coating comprising at least one pulverulent metal and a transition metal compound; and a second coating bonded to the adherent, water insoluble coating, said second coating comprising an auto deposited resin formed under auto depositing conditions.

Reference to : US 3,940,280; US 4,891,268; US 4,647,480

Comp.Specn. 23. Pages; Drgs Nil. Sheets.

Ind.Cl.: 113C

192909

Int.Cl<sup>4</sup>: F21K 2/00.**"A COMPACT FLUORESCENT LAMP UNIT".**

Applicant: TOSHIBA LIGHTING & TECHNOLOGY CORPORATION,  
3-1, HIGASHI-SHINAGAWA 4-CHOME,  
SHINAGAWA-KU, TOKYO  
A JAPANESE COMPANY  
JAPAN.

Inventors: 1. TAKEO YASUDA; 2. KENICHI ASAMI.

Application No 798/MAS/95. filed on 29-Jun-95.

Convention No. P06-150281. on 30-Jun-94., JAPAN.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 2003)  
Patent Office, Chennai Branch.

**14. Claims**

A compact fluorescent lamp unit comprising:

a phosphor coated bulb having first and second sealed end portions, a pair of filament coils each disposed in the first and second sealed end portions for producing an arc therebetween and a fill containing mercury and a rare gas, wherein the filament coil which has two ends further contains an emitter for enhancing thermionic emission of electrons therefrom and is caused to be cut off by the self-generated heat when the emitter is substantially dissipated.

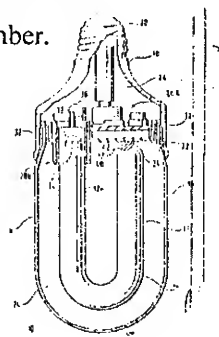
a lighting circuit arrangement for supplying electrical energy to the filament coils, the lighting circuit arrangement including an inverter circuit containing a resonant capacitor connected between each one end of the filament coils to pass a resonant current through the capacitor during the operation of the lamp,

a housing providing an inner space for fitting the bulb and the lighting circuit arrangement therein; and

a support member disposed in the inner space for supporting the bulb, wherein the first and second sealed end portions of the bulb are supported by the support member.

Reference to : JP61-168856.

Comp. Specn. : 20. Pages; Drgs. : 4 Sheets



Ind.Cl.: 39 O 192910

Int Cl<sup>4</sup> : C 01 G 39/00

"A PROCESS OF PREPARING MOLYBDENUM DISILICIDE (MoSi<sub>2</sub>)"

APPLICANT(S) : INDIAN INSTITUTE OF SCIENCE  
BANGALORE - 560 012  
INDIA, AN INDIAN INSTITUTE

INVENTOR(S) : 1. PROF. KALYA JAGANNATHA RAO  
2. BALASUBRAMANIAM VAIDHYANATHN

Application No. 788/MAS/95 filed on 27-Jun-95

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4 , PATENTS RULES, 2003) PATENT OFFICE, CHENNAI BRANCH.  
6 CLAIMS

A process of preparing molybdenum disilicide (MoSi<sub>2</sub>) comprising:

- taking powder of Mo & Si of high purity preferably 99.99%,
- preparing pellets from stoichiometric mixture of Mo & Si by using a steel dye and pressure, as herein defined,
- placing the said pellets completely surrounded by microwave oven absorbing high purity carbon in a silica crucible,
- heating the said pellets surrounded by the said microwave oven for 5 to 20 minutes and thereafter allowing them to cool to obtain homogenous molybdenum disilicide (MoSi<sub>2</sub>) with good crystallinity.

COMP. SPECN.: 8 PAGES DRAWINGS: 2 SHEETS.

## CLAIM U/S 20(1) (MUMBAI)

In pursuance of request granted u/s 20(1) of the Patent Act, 1970. The Patent No. (188784) 546/BOM/1998 of WEN-NENG LIU, Republic of China has been allowed to proceed in the name of Life-shield Products, Inc. of 3FL., No. 10, Wuchiuan 7th Road, Wugu Shiang, Taipei, Taiwan, Republic of China.

## RESTORATION PROCEEDINGS. (MUMBAI).

Notice is hereby given that an application was made under section 60 of the patent act, 1970 for the restoration or Patent No. 182116, granted to Sun Pharmaceutical Industries Ltd., for an invention relating to A process for the recovery of tramadol as cis-tramadol hydrochloride in asymptotically quantitative amounts from mixture of diaster comers of tramadol.

The Patent ceased on 13.7.2003, due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the gazette of India, Part III, Section 2, dated 01.5.2004.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form-14 in duplicate, with the Controller of Patents, at Patent Office, Sun Mill Compound, Todi Estate, III Floor, Lower parel (West), Mumbai-400013, within Two months from date of this official Gazette.

Under Rule 85 of the Patents Rules 2003, a written statement, in duplicate setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

MUMBAI—01.12.2003 TO 31.01.2004

RENEWAL FEES PAID

188725 189026 189796 185676 186372 188922 189629 189093 178071 189564 189018 189030 188927 188911 189553 188382 189605  
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CHENNAI—01.12.2003 TO 22.02.2004

RENEWAL FEES PAID

189834 182745 187990 184019 188156 183885 182987 178772 187637 183989 188361 184112 188157 187615 182069 188222 183971  
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NEW DELHI—01.12.2003 TO 31.12.2003

#### RENEWAL FEES PAID

175229 179227 188462 181873 188868 184168 184950 189126 177722 186768 176146 184927 185959 181408 187517 186978 188321  
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PATENTS SEALED ON 30-04-2004/KOLKATA

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KOL-05.



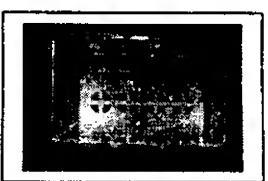

PATENTS SEALED ON 26-04-2004/(DELHI)




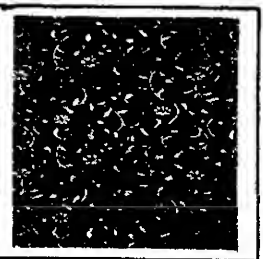
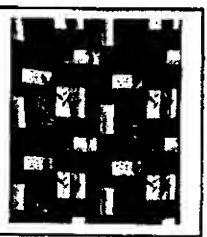
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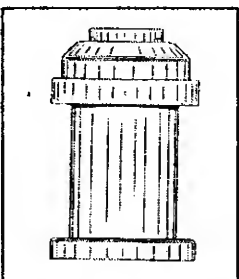
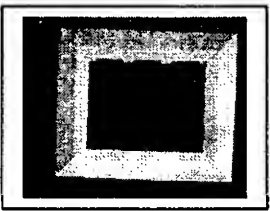
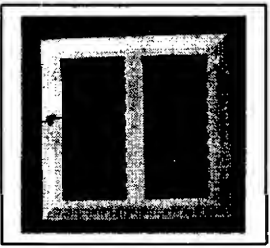
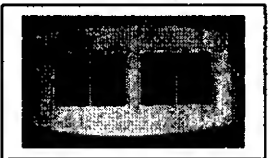

**REGISTRATION OF DESIGNS**

The following designs have been registered. They are open for public inspection from the date of registration. (Colour combination if any, is not shown in the representation)



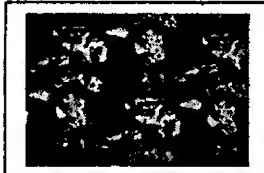
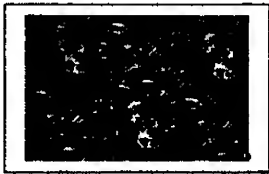
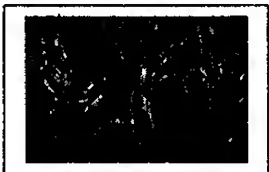
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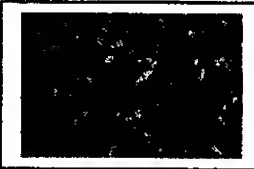


Class	08-05	No.194071. G.D. CASTING, 515/13, 1 <sup>ST</sup> FLOOR, KRISHNA NAGAR, JALANDHAR, (Pb.), (INDIA), "PLIER" 08.09.2003.	
Class	03-01	No.193976. V.I.P. INDUSTRIES LIMITED, INDIAN COMPANY SECRETARIAL AND LEGAL DEPARTMENT DGP HOUSE, 88-C OLD PRABHADEVI ROAD, MUMBAI: -400 025, MAHARASHTRA, INDIA. "BRIEF CASE" 05.12.2003.	
Class	03-01	No.193164. SNEHA PLASTICS, GALA NO.1, MANISHUVRAT IND. ESTATE, SATIVALI ROAD, NEAR TIRUPATI UDYOG, VASAI (E), MAHARASHTRA, (INDIA), "BASKET" 05.09.2003	
Class	09-01	No.193974. M/S. MOHINI SHILPA PROTISTHAN, 205, LENIN SARANI, NIMTA, KOLKATA-700049, WEST BENGAL, INDIA, "BOTTLE" 04.12.2003.	


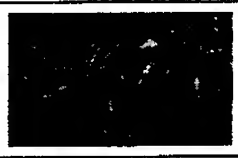

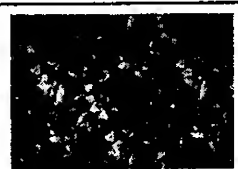

Class	08-08	No.193339. KRISHAN KUMAR GUPTA, AN INDIAN NATIONAL OF N-1, CHITTRANJAN PARK, NEW DELHI; -110019, INDIA. "BOLT" 24.09.2003	
Class	05-05	No.194180. GOLDTEX FURNISHING INDUSTRIES, 78/1197, TRI NAGAR, DELHI-110035, INDIA, "TEXTILE FABRIC" 05.01.2004.	
Class	05-05	No.194178. GOLDTEX FURNISHING INDUSTRIES, 78/1197, TRI NAGAR, DELHI-110035, INDIA, "TEXTILE FABRIC" 05.01.2004.	
Class	05-05	No.194182. GOLDTEX FURNISHING INDUSTRIES, 78/1197, TRI NAGAR, DELHI-110035, INDIA, "TEXTILE FABRIC" 05.01.2004.	
Class	05-05	No.194181. GOLDTEX FURNISHING INDUSTRIES, 78/1197, TRI NAGAR, DELHI-110035, INDIA, "TEXTILE FABRIC" 05.01.2004.	




Class	09-01	No.191455. MEDICAL INSTILL TECHNOLOGIES INC., A DELAWARE CORPORATION OF 419 WEST AVENUE, STAMFORD, CT 06902, U.S.A. AND GLAXOSMITH- KLINE BIOLOGICALS S.A., OF RUE DE L'INSTITUT 89, B-1330 RIXENSART, BELGIUM. "PHIAL" 03.09.2002 (RECIPROCITY, U.S.A.)	
Class	13-03	No.193246. G.K. INTERNATIONAL OF 38-39, PLOT NO. 4, SITE NO. IV, INDUSTRIAL AREA, SAHIBABAD (U.P.) INDIA. "SWITCH PLATE" 15.09.2003	
Class	13-03	No.193248. G.K. INTERNATIONAL OF 38-39, PLOT NO. 4, SITE NO. IV, INDUSTRIAL AREA, SAHIBABAD (U.P.) INDIA. "SWITCH PLATE" 15.09.2003	
Class	99-00	No.192427. ALEMAC INDUSTRIES, GOGATEWADI, OFF: AAREY ROAD, GOREGAON EAST, MUMBAI :- 400 063, MAHARASHTRA, INDIA, "MODULAR PLATE FOR ELECTRICAL ACCESSORIES" 23.06.2003.	
Class	02-04	No.192690. ITALICA INTERNATIONAL, 3495, GALI BAJRANG BALI, CHAWRI BAZAR, DELHI:- 110 006 (INDIA), "SLIPPER" 30.07.2003.	



Class	02-04	No.192691. ITALICA INTERNATIONAL, 3495, GALI BAJRANG BALI, CHAWRI BAZAR, DELHI:-110 006 (INDIA), "SLIPPER" 30.07.2003.	
Class	15-07	No.189506. ELECTROLUX KELVINATOR LIMITED, FLAT NO.201-202, A-22 GREEN PARK, AUROBINDO MARG, NEW DELHI: -110 016, INDIA, AN INDIAN COMPANY. "REFRIGERATOR WITH WATER DISPENSER" 17.07.2002.	
Class	05-05	No.192824. M/S.SUPREME VELVET PRIVATE LIMITED (INDIAN COMPANY) 1873, MAIN ROAD, SHANTI NAGAR, TRI NAGAR, DELHI: -110 035 (INDIA), "TEXTILES FABRIC" 08.08.2003	
Class	05-05	No.192810. M/S.SUPREME VELVET PRIVATE LIMITED (INDIAN COMPANY) 1873, MAIN ROAD, SHANTI NAGAR, TRI NAGAR, DELHI: -110 035 (INDIA), "TEXTILES FABRIC" 08.08.2003	
Class	05-05	No.192811. M/S.SUPREME VELVET PRIVATE LIMITED (INDIAN COMPANY) 1873, MAIN ROAD, SHANTI NAGAR, TRI NAGAR, DELHI: -110 035 (INDIA), "TEXTILES FABRIC" 08.08.2003	

Class	05-05	No.192812. M/S.SUPREME VELVET PRIVATE LIMITED (INDIAN COMPANY) 1873, MAIN ROAD, SHANTI NAGAR, TRI NAGAR, DELHI: -110 035 (INDIA), "TEXTILES FABRIC" 08.08.2003	
Class	05-05	No.192813. M/S.SUPREME VELVET PRIVATE LIMITED (INDIAN COMPANY) 1873, MAIN ROAD, SHANTI NAGAR, TRI NAGAR, DELHI: -110 035 (INDIA), "TEXTILES FABRIC" 08.08.2003	
Class	05-05	No.192816. M/S.SUPREME VELVET PRIVATE LIMITED (INDIAN COMPANY) 1873, MAIN ROAD, SHANTI NAGAR, TRI NAGAR, DELHI: -110 035 (INDIA), "TEXTILES FABRIC" 08.08.2003	
Class	05-05	No.192815. M/S.SUPREME VELVET PRIVATE LIMITED (INDIAN COMPANY) 1873, MAIN ROAD, SHANTI NAGAR, TRI NAGAR, DELHI: -110 035 (INDIA), "TEXTILES FABRIC" 08.08.2003	
Class	05-05	No.192814. M/S.SUPREME VELVET PRIVATE LIMITED (INDIAN COMPANY) 1873, MAIN ROAD, SHANTI NAGAR, TRI NAGAR, DELHI: -110 035 (INDIA), "TEXTILES FABRIC" 08.08.2003	

Class	05-05	No.192809. M/S.SUPREME VELVET PRIVATE LIMITED (INDIAN COMPANY) 1873, MAIN ROAD, SHANTI NAGAR, TRI NAGAR, DELHI: -110 035 (INDIA), "TEXTILES FABRIC" 08.08.2003	
Class	05-05	No.192808. M/S.SUPREME VELVET PRIVATE LIMITED (INDIAN COMPANY) 1873, MAIN ROAD, SHANTI NAGAR, TRI NAGAR, DELHI: -110 035 (INDIA), "TEXTILES FABRIC" 08.08.2003	
Class	26-02	No.189517. ASIAN HANDICRAFTS, OF S/31, OKHLA INDUSTRIAL AREA, PHASE-II, NEW DELHI-110020, INDIA. "LANTERN" 19.07.2002	
Class	05-05	No.192823. M/S.SUPREME VELVET PRIVATE LIMITED (INDIAN COMPANY) 1873, MAIN ROAD, SHANTI NAGAR, TRI NAGAR, DELHI: -110 035 (INDIA), "TEXTILES FABRIC" 08.08.2003	
Class	05-05	No.192821. M/S.SUPREME VELVET PRIVATE LIMITED (INDIAN COMPANY) 1873, MAIN ROAD, SHANTI NAGAR, TRI NAGAR, DELHI: -110 035 (INDIA), "TEXTILES FABRIC" 08.08.2003	

Class	05-05	No.192820. M/S.SUPREME VELVET PRIVATE LIMITED (INDIAN COMPANY) 1873, MAIN ROAD, SHANTI NAGAR, TRI NAGAR, DELHI: -110 035 (INDIA), "TEXTILES FABRIC" 08.08.2003	
Class	05-05	No.192818. M/S.SUPREME VELVET PRIVATE LIMITED (INDIAN COMPANY) 1873, MAIN ROAD, SHANTI NAGAR, TRI NAGAR, DELHI: -110 035 (INDIA), "TEXTILES FABRIC" 08.08.2003	
Class	05-05	No.192817. M/S.SUPREME VELVET PRIVATE LIMITED (INDIAN COMPANY) 1873, MAIN ROAD, SHANTI NAGAR, TRI NAGAR, DELHI: -110 035 (INDIA), "TEXTILES FABRIC" 08.08.2003	

Dr. S. N. MAITY  
Controller General of Patents, Designs & Trade Marks

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